



Appendix for test report

1Appendix_A: Effective (Isotropic) Radiated Power Output Data

Part I - Test Results

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB1#0	21.65	22.29	33	PASS
				RB1#3	21.81	22.45	33	PASS
				RB1#5	21.73	22.37	33	PASS
				RB3#0	21.78	22.42	33	PASS
				RB3#2	21.84	22.48	33	PASS
				RB3#3	21.81	22.45	33	PASS
			MCH	RB6#0	20.88	21.52	33	PASS
				RB1#0	22.35	22.99	33	PASS
				RB1#3	22.31	22.95	33	PASS
				RB1#5	22.21	22.85	33	PASS
				RB3#0	22.32	22.96	33	PASS
				RB3#2	22.26	22.9	33	PASS
				RB3#3	22.25	22.89	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	21.32	21.96	33	PASS
			HCH	RB1#0	22.22	22.86	33	PASS
				RB1#3	22.22	22.86	33	PASS
				RB1#5	22.09	22.73	33	PASS
				RB3#0	22.28	22.92	33	PASS
				RB3#2	22.19	22.83	33	PASS
				RB3#3	22.13	22.77	33	PASS
				RB6#0	21.19	21.83	33	PASS
		3	LCH	RB1#0	21.66	22.3	33	PASS
				RB1#7	22.01	22.65	33	PASS
				RB1#14	21.83	22.47	33	PASS
				RB8#0	20.93	21.57	33	PASS
				RB8#4	21	21.64	33	PASS
				RB8#7	20.94	21.58	33	PASS
				RB15#0	21	21.64	33	PASS
			MCH	RB1#0	22.26	22.9	33	PASS
				RB1#7	22.34	22.98	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	22.06	22.7	33	PASS
				RB8#0	21.38	22.02	33	PASS
				RB8#4	21.3	21.94	33	PASS
				RB8#7	21.23	21.87	33	PASS
				RB15#0	21.28	21.92	33	PASS
			HCH	RB1#0	22.16	22.8	33	PASS
				RB1#7	22.18	22.82	33	PASS
				RB1#14	21.96	22.6	33	PASS
				RB8#0	21.21	21.85	33	PASS
				RB8#4	21.21	21.85	33	PASS
				RB8#7	21.11	21.75	33	PASS
				RB15#0	21.16	21.8	33	PASS
		5	LCH	RB1#0	21.88	22.52	33	PASS
				RB1#13	22.13	22.77	33	PASS
				RB1#24	22.14	22.78	33	PASS
				RB12#0	21.06	21.7	33	PASS
				RB12#6	21.16	21.8	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB12#13	21	21.64	33	PASS
				RB25#0	21	21.64	33	PASS
			MCH	RB1#0	22.55	23.19	33	PASS
				RB1#13	22.36	23	33	PASS
				RB1#24	22.34	22.98	33	PASS
				RB12#0	21.44	22.08	33	PASS
				RB12#6	21.43	22.07	33	PASS
				RB12#13	21.2	21.84	33	PASS
				RB25#0	21.31	21.95	33	PASS
			HCH	RB1#0	22.43	23.07	33	PASS
				RB1#13	22.28	22.92	33	PASS
				RB1#24	22.11	22.75	33	PASS
				RB12#0	21.41	22.05	33	PASS
				RB12#6	21.33	21.97	33	PASS
				RB12#13	21.12	21.76	33	PASS
				RB25#0	21.37	22.01	33	PASS
		10	LCH	RB1#0	21.85	22.49	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#25	22.14	22.78	33	PASS
				RB1#49	22.52	23.16	33	PASS
				RB25#0	21.02	21.66	33	PASS
				RB25#13	21.17	21.81	33	PASS
				RB25#25	21.14	21.78	33	PASS
				RB50#0	21.04	21.68	33	PASS
			MCH	RB1#0	22.61	23.25	33	PASS
				RB1#25	22.45	23.09	33	PASS
				RB1#49	22.51	23.15	33	PASS
				RB25#0	21.49	22.13	33	PASS
				RB25#13	21.38	22.02	33	PASS
				RB25#25	21.22	21.86	33	PASS
				RB50#0	21.39	22.03	33	PASS
			HCH	RB1#0	22.53	23.17	33	PASS
				RB1#25	22.56	23.2	33	PASS
				RB1#49	22.34	22.98	33	PASS
				RB25#0	21.4	22.04	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.45	22.09	33	PASS
				RB25#25	21.34	21.98	33	PASS
				RB50#0	21.55	22.19	33	PASS
		15	LCH	RB1#0	21.86	22.5	33	PASS
				RB1#38	22.27	22.91	33	PASS
				RB1#74	22.53	23.17	33	PASS
				RB38#0	21.11	21.75	33	PASS
				RB38#19	21.29	21.93	33	PASS
				RB38#39	21.08	21.72	33	PASS
				RB75#0	21.16	21.8	33	PASS
			MCH	RB1#0	22.72	23.36	33	PASS
				RB1#38	22.41	23.05	33	PASS
				RB1#74	22.25	22.89	33	PASS
				RB38#0	21.51	22.15	33	PASS
				RB38#19	21.45	22.09	33	PASS
				RB38#39	21.12	21.76	33	PASS
				RB75#0	21.24	21.88	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			HCH	RB1#0	22.33	22.97	33	PASS
				RB1#38	22.49	23.13	33	PASS
				RB1#74	22.12	22.76	33	PASS
				RB38#0	21.46	22.1	33	PASS
				RB38#19	21.41	22.05	33	PASS
				RB38#39	21.25	21.89	33	PASS
				RB75#0	21.53	22.17	33	PASS
		20	LCH	RB1#0	21.84	22.48	33	PASS
				RB1#50	22.52	23.16	33	PASS
				RB1#99	22.75	23.39	33	PASS
				RB50#0	21.05	21.69	33	PASS
				RB50#25	21.14	21.78	33	PASS
				RB50#50	21.09	21.73	33	PASS
				RB100#0	21.25	21.89	33	PASS
			MCH	RB1#0	22.52	23.16	33	PASS
				RB1#50	22.42	23.06	33	PASS
				RB1#99	22.21	22.85	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	21.48	22.12	33	PASS
				RB50#25	21.37	22.01	33	PASS
				RB50#50	20.95	21.59	33	PASS
				RB100#0	21.12	21.76	33	PASS
			HCH	RB1#0	22.13	22.77	33	PASS
				RB1#50	22.51	23.15	33	PASS
				RB1#99	22.13	22.77	33	PASS
				RB50#0	21.27	21.91	33	PASS
	LTE/TM2	1.4	LCH	RB50#25	21.44	22.08	33	PASS
				RB50#50	21.35	21.99	33	PASS
				RB100#0	21.3	21.94	33	PASS
				RB1#0	20.89	21.53	33	PASS
				RB1#3	21.02	21.66	33	PASS
				RB1#5	20.95	21.59	33	PASS
				RB3#0	20.84	21.48	33	PASS
				RB3#2	20.87	21.51	33	PASS
				RB3#3	20.91	21.55	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB6#0	20.89	21.53	33	PASS
			MCH	RB1#0	21.43	22.07	33	PASS
				RB1#3	21.4	22.04	33	PASS
				RB1#5	21.31	21.95	33	PASS
				RB3#0	21.33	21.97	33	PASS
				RB3#2	21.27	21.91	33	PASS
				RB3#3	21.21	21.85	33	PASS
				RB6#0	21.34	21.98	33	PASS
			HCH	RB1#0	21.09	21.73	33	PASS
				RB1#3	21.11	21.75	33	PASS
				RB1#5	21.08	21.72	33	PASS
				RB3#0	21.29	21.93	33	PASS
				RB3#2	21.21	21.85	33	PASS
				RB3#3	21.05	21.69	33	PASS
				RB6#0	21.13	21.77	33	PASS
		3	LCH	RB1#0	20.75	21.39	33	PASS
				RB1#7	21.14	21.78	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#14	20.89	21.53	33	PASS
				RB8#0	20.87	21.51	33	PASS
				RB8#4	20.96	21.6	33	PASS
				RB8#7	20.89	21.53	33	PASS
				RB15#0	20.89	21.53	33	PASS
			MCH	RB1#0	21.43	22.07	33	PASS
				RB1#7	21.39	22.03	33	PASS
				RB1#14	21.19	21.83	33	PASS
				RB8#0	21.43	22.07	33	PASS
				RB8#4	21.31	21.95	33	PASS
				RB8#7	21.28	21.92	33	PASS
				RB15#0	21.22	21.86	33	PASS
			HCH	RB1#0	21.33	21.97	33	PASS
				RB1#7	21.46	22.1	33	PASS
				RB1#14	20.87	21.51	33	PASS
				RB8#0	21.12	21.76	33	PASS
				RB8#4	21.22	21.86	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB8#7	21.09	21.73	33	PASS
				RB15#0	21.06	21.7	33	PASS
		5	LCH	RB1#0	20.88	21.52	33	PASS
				RB1#13	21.21	21.85	33	PASS
				RB1#24	21.15	21.79	33	PASS
				RB12#0	20.96	21.6	33	PASS
				RB12#6	21.12	21.76	33	PASS
				RB12#13	20.98	21.62	33	PASS
				RB25#0	20.97	21.61	33	PASS
			MCH	RB1#0	21.65	22.29	33	PASS
				RB1#13	21.56	22.2	33	PASS
				RB1#24	21.45	22.09	33	PASS
				RB12#0	21.4	22.04	33	PASS
				RB12#6	21.42	22.06	33	PASS
				RB12#13	21.17	21.81	33	PASS
				RB25#0	21.25	21.89	33	PASS
			HCH	RB1#0	21.51	22.15	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB1#13	21.35	21.99	33	PASS
				RB1#24	21.27	21.91	33	PASS
				RB12#0	21.31	21.95	33	PASS
				RB12#6	21.2	21.84	33	PASS
				RB12#13	21.09	21.73	33	PASS
				RB25#0	21.27	21.91	33	PASS
		10	LCH	RB1#0	21.04	21.68	33	PASS
				RB1#25	21.38	22.02	33	PASS
				RB1#49	21.71	22.35	33	PASS
				RB25#0	20.98	21.62	33	PASS
				RB25#13	21.11	21.75	33	PASS
				RB25#25	21.08	21.72	33	PASS
				RB50#0	21.01	21.65	33	PASS
			MCH	RB1#0	21.74	22.38	33	PASS
				RB1#25	21.66	22.3	33	PASS
				RB1#49	21.59	22.23	33	PASS
				RB25#0	21.46	22.1	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB25#13	21.36	22	33	PASS
				RB25#25	21.18	21.82	33	PASS
				RB50#0	21.31	21.95	33	PASS
			HCH	RB1#0	21.7	22.34	33	PASS
				RB1#25	21.7	22.34	33	PASS
				RB1#49	21.45	22.09	33	PASS
				RB25#0	21.36	22	33	PASS
				RB25#13	21.36	22	33	PASS
				RB25#25	21.22	21.86	33	PASS
				RB50#0	21.41	22.05	33	PASS
		15	LCH	RB1#0	20.84	21.48	33	PASS
				RB1#38	21.49	22.13	33	PASS
				RB1#74	21.65	22.29	33	PASS
				RB38#0	21.05	21.69	33	PASS
				RB38#19	21.24	21.88	33	PASS
				RB38#39	21.11	21.75	33	PASS
				RB75#0	21.08	21.72	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
			MCH	RB1#0	21.83	22.47	33	PASS
				RB1#38	21.69	22.33	33	PASS
				RB1#74	21.33	21.97	33	PASS
				RB38#0	21.41	22.05	33	PASS
				RB38#19	21.38	22.02	33	PASS
				RB38#39	21.07	21.71	33	PASS
				RB75#0	21.22	21.86	33	PASS
			HCH	RB1#0	21.38	22.02	33	PASS
				RB1#38	21.7	22.34	33	PASS
				RB1#74	21.14	21.78	33	PASS
				RB38#0	21.37	22.01	33	PASS
				RB38#19	21.38	22.02	33	PASS
				RB38#39	21.15	21.79	33	PASS
				RB75#0	21.45	22.09	33	PASS
		20	LCH	RB1#0	20.94	21.58	33	PASS
				RB1#50	21.76	22.4	33	PASS
				RB1#99	22	22.64	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB50#0	20.94	21.58	33	PASS
				RB50#25	21.03	21.67	33	PASS
				RB50#50	21.03	21.67	33	PASS
				RB100#0	21.2	21.84	33	PASS
			MCH	RB1#0	21.66	22.3	33	PASS
				RB1#50	21.54	22.18	33	PASS
				RB1#99	21.31	21.95	33	PASS
				RB50#0	21.42	22.06	33	PASS
				RB50#25	21.37	22.01	33	PASS
				RB50#50	20.96	21.6	33	PASS
				RB100#0	21.11	21.75	33	PASS
			HCH	RB1#0	21.24	21.88	33	PASS
				RB1#50	21.68	22.32	33	PASS
				RB1#99	21.17	21.81	33	PASS
				RB50#0	21.22	21.86	33	PASS
				RB50#25	21.42	22.06	33	PASS
				RB50#50	21.31	21.95	33	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test Channel	Test RB	Measured [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
				RB100#0	21.3	21.94	33	PASS

Note1:

a, For getting the ERP (Efficient Radiated Power) or EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level

Note2:

$$\text{SET Span} = 1.5 \times \text{OBW}$$

$$\text{SET RBW} = 1\% \text{ of the OBW, not to exceed 1MHz}$$

$$\text{SET VBW} \geq 3 \times \text{RBW}$$

SET Sweep time=auto-couple.

Detector:RMS

2Appendix_B: Peak-to-Average Ratio

Part I - Test Results

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB1#0	3.99	13	PASS
				RB1#3	4.05	13	PASS
				RB1#5	3.94	13	PASS
				RB3#0	4.38	13	PASS
				RB3#2	4.35	13	PASS
				RB3#3	4.46	13	PASS
				RB6#0	5.18	13	PASS
			MCH	RB1#0	4.55	13	PASS
				RB1#3	4.44	13	PASS
				RB1#5	4.61	13	PASS
				RB3#0	4.99	13	PASS
				RB3#2	4.9	13	PASS
				RB3#3	4.94	13	PASS
				RB6#0	5.44	13	PASS
			HCH	RB1#0	4.35	13	PASS
				RB1#3	4.37	13	PASS
				RB1#5	4.37	13	PASS
				RB3#0	4.85	13	PASS
				RB3#2	4.73	13	PASS
				RB3#3	4.82	13	PASS
				RB6#0	5.51	13	PASS
		3	LCH	RB1#0	4	13	PASS
				RB1#7	3.84	13	PASS
				RB1#14	4.07	13	PASS
				RB8#0	5.16	13	PASS
				RB8#4	5.13	13	PASS
				RB8#7	5.15	13	PASS
				RB15#0	5.25	13	PASS
			MCH	RB1#0	4.41	13	PASS
				RB1#7	4.23	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#14	4.64	13	PASS
				RB8#0	5.47	13	PASS
				RB8#4	5.48	13	PASS
				RB8#7	5.48	13	PASS
				RB15#0	5.49	13	PASS
			HCH	RB1#0	4.39	13	PASS
				RB1#7	4.06	13	PASS
				RB1#14	4.36	13	PASS
				RB8#0	5.33	13	PASS
				RB8#4	5.31	13	PASS
				RB8#7	5.27	13	PASS
				RB15#0	5.33	13	PASS
		5	LCH	RB1#0	4.01	13	PASS
				RB1#13	3.93	13	PASS
				RB1#24	4.13	13	PASS
				RB12#0	5.24	13	PASS
				RB12#6	5.24	13	PASS
				RB12#13	5.36	13	PASS
				RB25#0	5.69	13	PASS
			MCH	RB1#0	4.31	13	PASS
				RB1#13	4.33	13	PASS
				RB1#24	4.44	13	PASS
				RB12#0	5.71	13	PASS
				RB12#6	5.62	13	PASS
				RB12#13	5.77	13	PASS
				RB25#0	6.09	13	PASS
			HCH	RB1#0	4.23	13	PASS
				RB1#13	4.15	13	PASS
				RB1#24	4.17	13	PASS
				RB12#0	5.54	13	PASS
				RB12#6	5.4	13	PASS
				RB12#13	5.57	13	PASS
				RB25#0	5.92	13	PASS
		10	LCH	RB1#0	4.24	13	PASS
				RB1#25	4.34	13	PASS
				RB1#49	4.42	13	PASS
				RB25#0	5.27	13	PASS
				RB25#13	5.43	13	PASS
				RB25#25	5.63	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.91	13	PASS
				RB1#0	4.2	13	PASS
			MCH	RB1#25	4.31	13	PASS
				RB1#49	4.35	13	PASS
				RB25#0	5.73	13	PASS
				RB25#13	5.76	13	PASS
				RB25#25	5.8	13	PASS
				RB50#0	6	13	PASS
			HCH	RB1#0	4.31	13	PASS
				RB1#25	4.08	13	PASS
				RB1#49	4.07	13	PASS
				RB25#0	5.7	13	PASS
				RB25#13	5.49	13	PASS
				RB25#25	5.56	13	PASS
				RB50#0	5.73	13	PASS
		15	LCH	RB1#0	4.14	13	PASS
				RB1#38	4.2	13	PASS
				RB1#74	4.47	13	PASS
				RB38#0	5.55	13	PASS
				RB38#19	5.73	13	PASS
				RB38#39	6.13	13	PASS
				RB75#0	6.11	13	PASS
			MCH	RB1#0	4.33	13	PASS
				RB1#38	4.33	13	PASS
				RB1#74	4.65	13	PASS
				RB38#0	5.89	13	PASS
				RB38#19	5.89	13	PASS
				RB38#39	6.01	13	PASS
				RB75#0	6.3	13	PASS
			HCH	RB1#0	4.64	13	PASS
				RB1#38	4.23	13	PASS
				RB1#74	4.23	13	PASS
				RB38#0	6.02	13	PASS
				RB38#19	5.83	13	PASS
				RB38#39	5.66	13	PASS
				RB75#0	5.97	13	PASS
		20	LCH	RB1#0	4.2	13	PASS
				RB1#50	4.44	13	PASS
				RB1#99	4.4	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB50#0	5.74	13	PASS
				RB50#25	5.96	13	PASS
				RB50#50	6.01	13	PASS
				RB100#0	6.08	13	PASS
			MCH	RB1#0	4.52	13	PASS
				RB1#50	4.44	13	PASS
				RB1#99	4.78	13	PASS
				RB50#0	5.8	13	PASS
				RB50#25	5.86	13	PASS
				RB50#50	6.03	13	PASS
				RB100#0	6.21	13	PASS
			HCH	RB1#0	4.91	13	PASS
				RB1#50	4.5	13	PASS
				RB1#99	4.5	13	PASS
				RB50#0	6.05	13	PASS
				RB50#25	5.81	13	PASS
				RB50#50	5.61	13	PASS
				RB100#0	5.86	13	PASS
	LTE/TM2	1.4	LCH	RB1#0	4.79	13	PASS
				RB1#3	5.02	13	PASS
				RB1#5	4.68	13	PASS
				RB3#0	5.19	13	PASS
				RB3#2	4.94	13	PASS
				RB3#3	5.19	13	PASS
				RB6#0	5.82	13	PASS
			MCH	RB1#0	5.15	13	PASS
				RB1#3	5.45	13	PASS
				RB1#5	5.29	13	PASS
				RB3#0	5.75	13	PASS
				RB3#2	5.46	13	PASS
				RB3#3	5.78	13	PASS
				RB6#0	6.2	13	PASS
			HCH	RB1#0	5.22	13	PASS
				RB1#3	5.44	13	PASS
				RB1#5	5.14	13	PASS
				RB3#0	5.35	13	PASS
				RB3#2	5.3	13	PASS
				RB3#3	5.26	13	PASS
				RB6#0	5.91	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		3	LCH	RB1#0	4.87	13	PASS
				RB1#7	4.83	13	PASS
				RB1#14	5.08	13	PASS
				RB8#0	5.46	13	PASS
				RB8#4	5.5	13	PASS
				RB8#7	5.57	13	PASS
				RB15#0	5.99	13	PASS
			MCH	RB1#0	5.39	13	PASS
				RB1#7	5.25	13	PASS
				RB1#14	5.5	13	PASS
				RB8#0	5.86	13	PASS
				RB8#4	5.87	13	PASS
				RB8#7	5.94	13	PASS
				RB15#0	6.32	13	PASS
			HCH	RB1#0	5.23	13	PASS
				RB1#7	4.84	13	PASS
				RB1#14	5.16	13	PASS
				RB8#0	5.63	13	PASS
				RB8#4	5.64	13	PASS
				RB8#7	5.57	13	PASS
				RB15#0	6.1	13	PASS
		5	LCH	RB1#0	4.79	13	PASS
				RB1#13	4.99	13	PASS
				RB1#24	4.93	13	PASS
				RB12#0	5.47	13	PASS
				RB12#6	5.55	13	PASS
				RB12#13	5.74	13	PASS
				RB25#0	6.01	13	PASS
			MCH	RB1#0	5.26	13	PASS
				RB1#13	5.46	13	PASS
				RB1#24	5.34	13	PASS
				RB12#0	5.94	13	PASS
				RB12#6	5.98	13	PASS
				RB12#13	5.98	13	PASS
				RB25#0	6.48	13	PASS
			HCH	RB1#0	5.12	13	PASS
				RB1#13	5.33	13	PASS
				RB1#24	5.1	13	PASS
				RB12#0	5.67	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
		10		RB12#6	5.75	13	PASS
				RB12#13	5.8	13	PASS
				RB25#0	6.22	13	PASS
			LCH	RB1#0	4.78	13	PASS
				RB1#25	4.89	13	PASS
				RB1#49	4.91	13	PASS
				RB25#0	5.67	13	PASS
				RB25#13	5.7	13	PASS
				RB25#25	5.91	13	PASS
				RB50#0	6.23	13	PASS
			MCH	RB1#0	5.22	13	PASS
				RB1#25	5.41	13	PASS
				RB1#49	5.24	13	PASS
				RB25#0	6.13	13	PASS
				RB25#13	6.12	13	PASS
				RB25#25	6.17	13	PASS
				RB50#0	6.42	13	PASS
			HCH	RB1#0	5.18	13	PASS
				RB1#25	5.03	13	PASS
				RB1#49	4.92	13	PASS
				RB25#0	6.02	13	PASS
				RB25#13	5.82	13	PASS
				RB25#25	5.92	13	PASS
				RB50#0	6.16	13	PASS
		15	LCH	RB1#0	5.42	13	PASS
				RB1#38	5.28	13	PASS
				RB1#74	5.38	13	PASS
				RB38#0	5.8	13	PASS
				RB38#19	5.99	13	PASS
				RB38#39	6.33	13	PASS
				RB75#0	6.69	13	PASS
			MCH	RB1#0	5.34	13	PASS
				RB1#38	5.33	13	PASS
				RB1#74	5.43	13	PASS
				RB38#0	6.11	13	PASS
				RB38#19	6.1	13	PASS
				RB38#39	6.29	13	PASS
				RB75#0	6.85	13	PASS
			HCH	RB1#0	5.52	13	PASS

Test Band(For LTE)	Test Mode	Test Bandwidth (MHz)	Test Channel	Test RB	Measured[dB]	Limit [dB]	Verdict
				RB1#38	5.12	13	PASS
				RB1#74	5.08	13	PASS
				RB38#0	6.33	13	PASS
				RB38#19	6.03	13	PASS
				RB38#39	5.94	13	PASS
				RB75#0	6.57	13	PASS
		20	LCH	RB1#0	5.26	13	PASS
				RB1#50	5.03	13	PASS
				RB1#99	5.22	13	PASS
				RB50#0	5.98	13	PASS
				RB50#25	6.39	13	PASS
				RB50#50	6.38	13	PASS
				RB100#0	6.7	13	PASS
			MCH	RB1#0	5.28	13	PASS
				RB1#50	5.05	13	PASS
				RB1#99	5.75	13	PASS
				RB50#0	6.17	13	PASS
				RB50#25	6.12	13	PASS
				RB50#50	6.41	13	PASS
				RB100#0	6.91	13	PASS
			HCH	RB1#0	5.55	13	PASS
				RB1#50	4.85	13	PASS
				RB1#99	5.56	13	PASS
				RB50#0	6.5	13	PASS
				RB50#25	6.13	13	PASS
				RB50#50	5.95	13	PASS
				RB100#0	6.68	13	PASS

3Appendix_C: Modulation Characteristics

Part I - Test Plots

3.1 For LTE

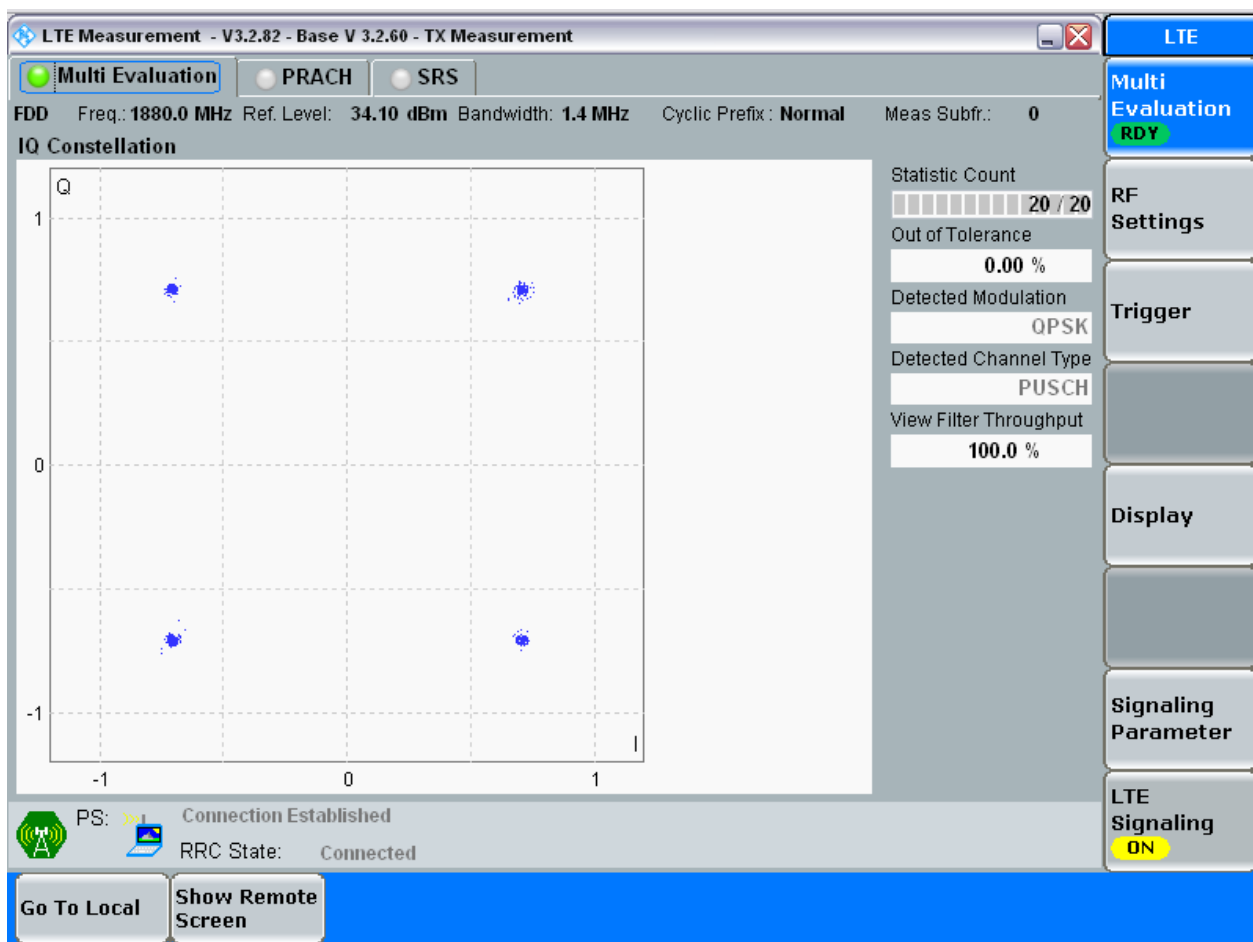
3.1.1 Test Band = BAND2

3.1.1.1 Test Mode = LTE/TM1

3.1.1.1.1 Test Bandwidth = 1.4

3.1.1.1.1.1 Test Channel = MCH

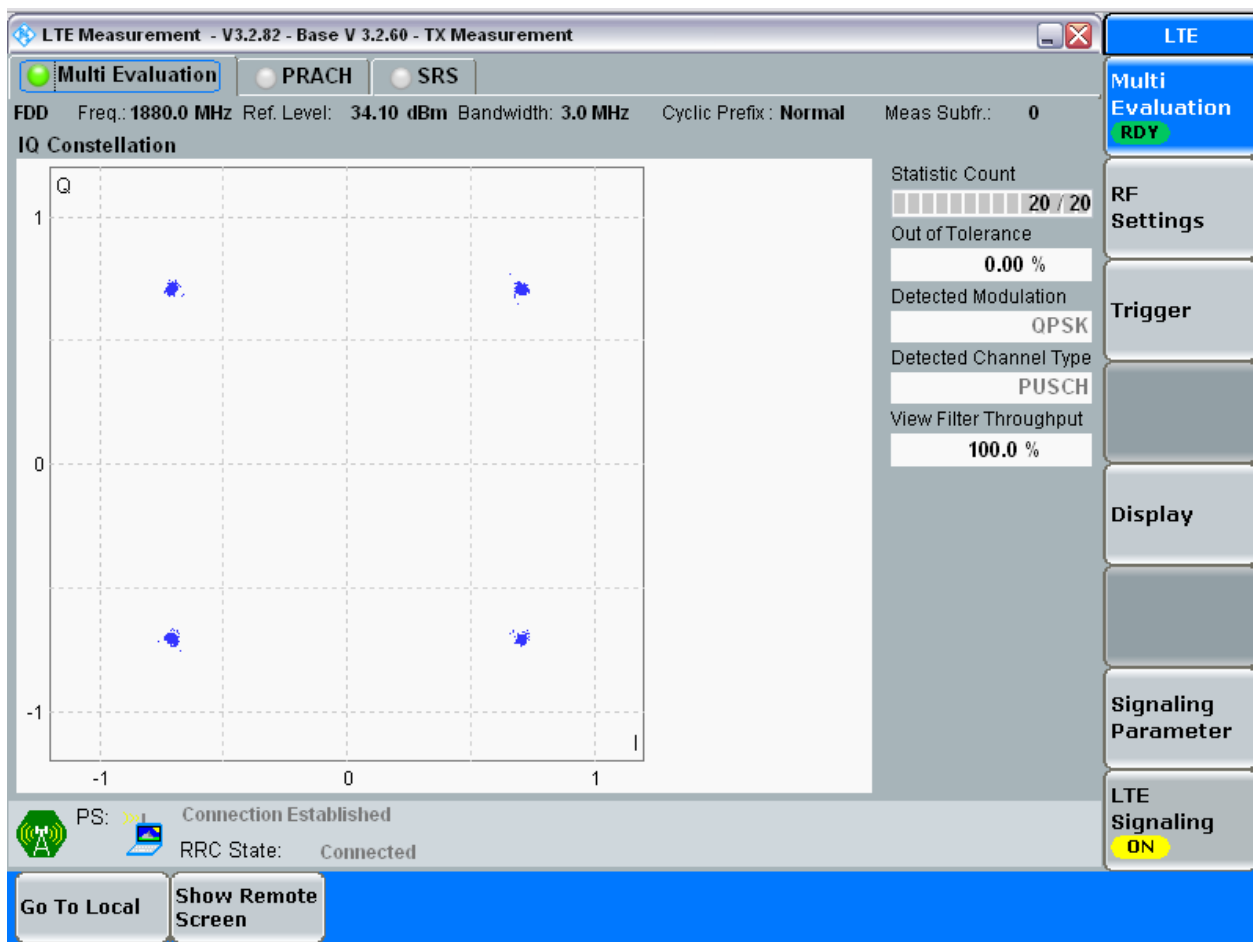
3.1.1.1.1.1.1 Test RB = RB6#0



3.1.1.1.2 Test Bandwidth = 3

3.1.1.1.2.1 Test Channel = MCH

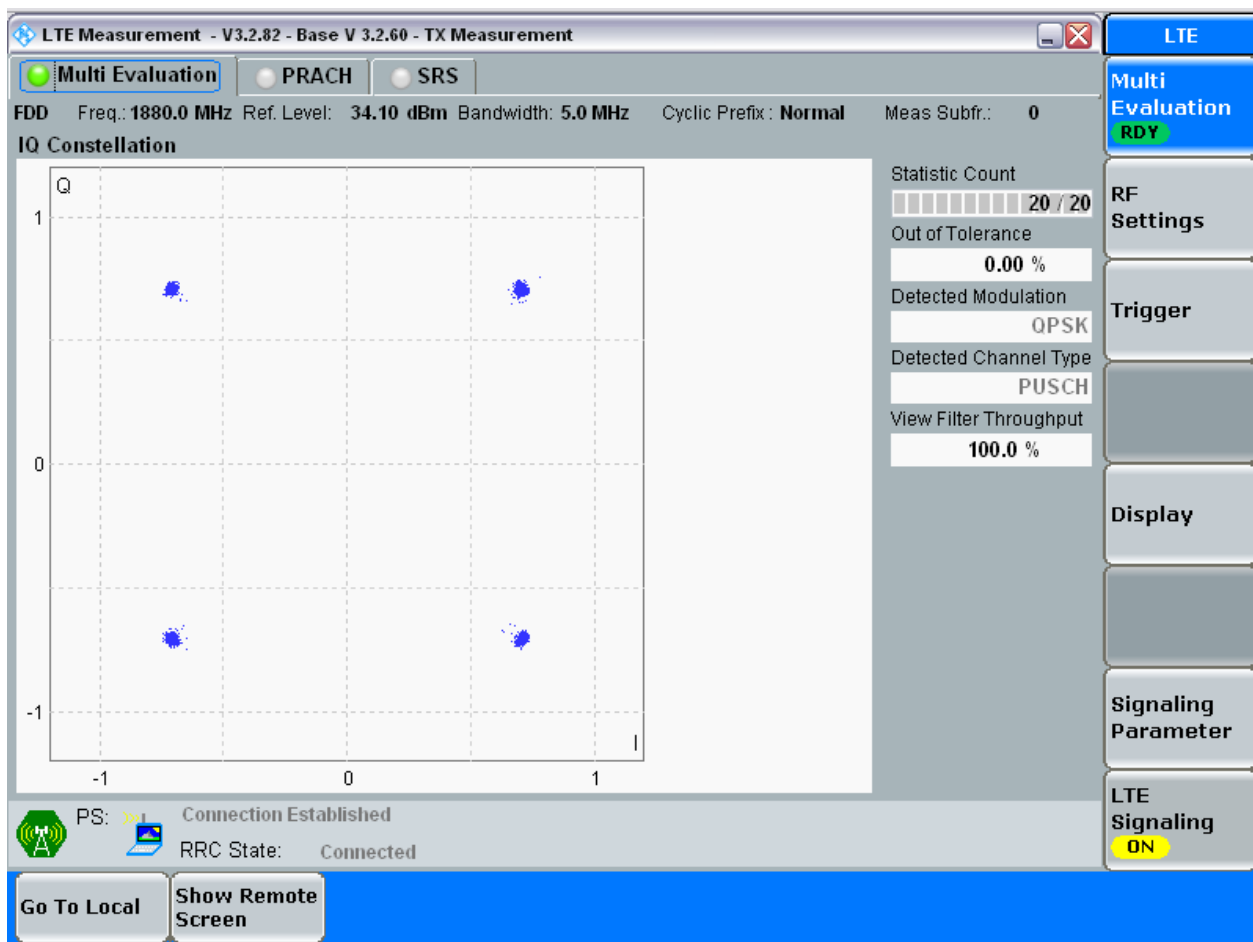
3.1.1.1.2.1.1 Test RB = RB15#0



3.1.1.1.3 Test Bandwidth = 5

3.1.1.1.3.1 Test Channel = MCH

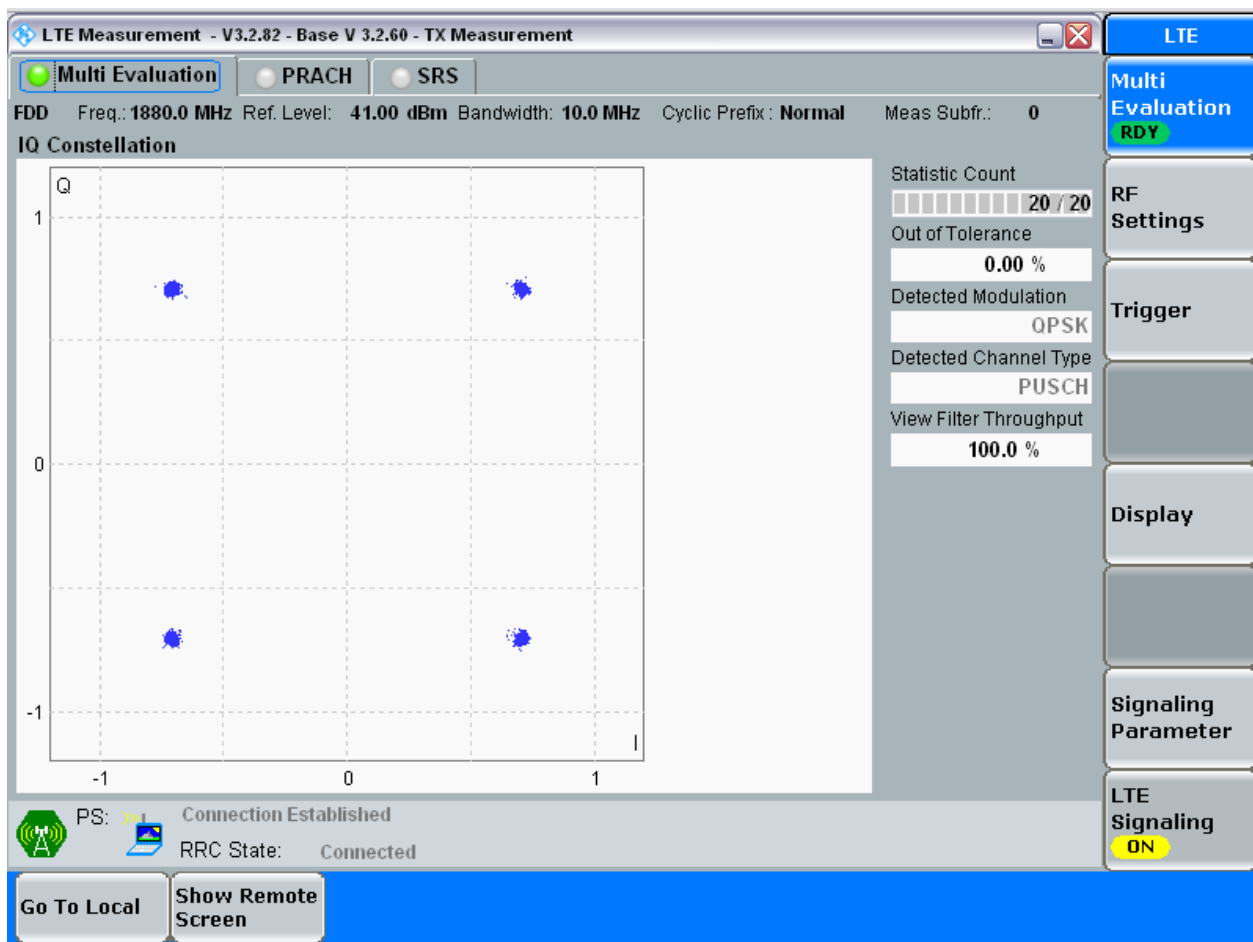
3.1.1.1.3.1.1 Test RB = RB25#0



3.1.1.1.4 Test Bandwidth = 10

3.1.1.1.4.1 Test Channel = MCH

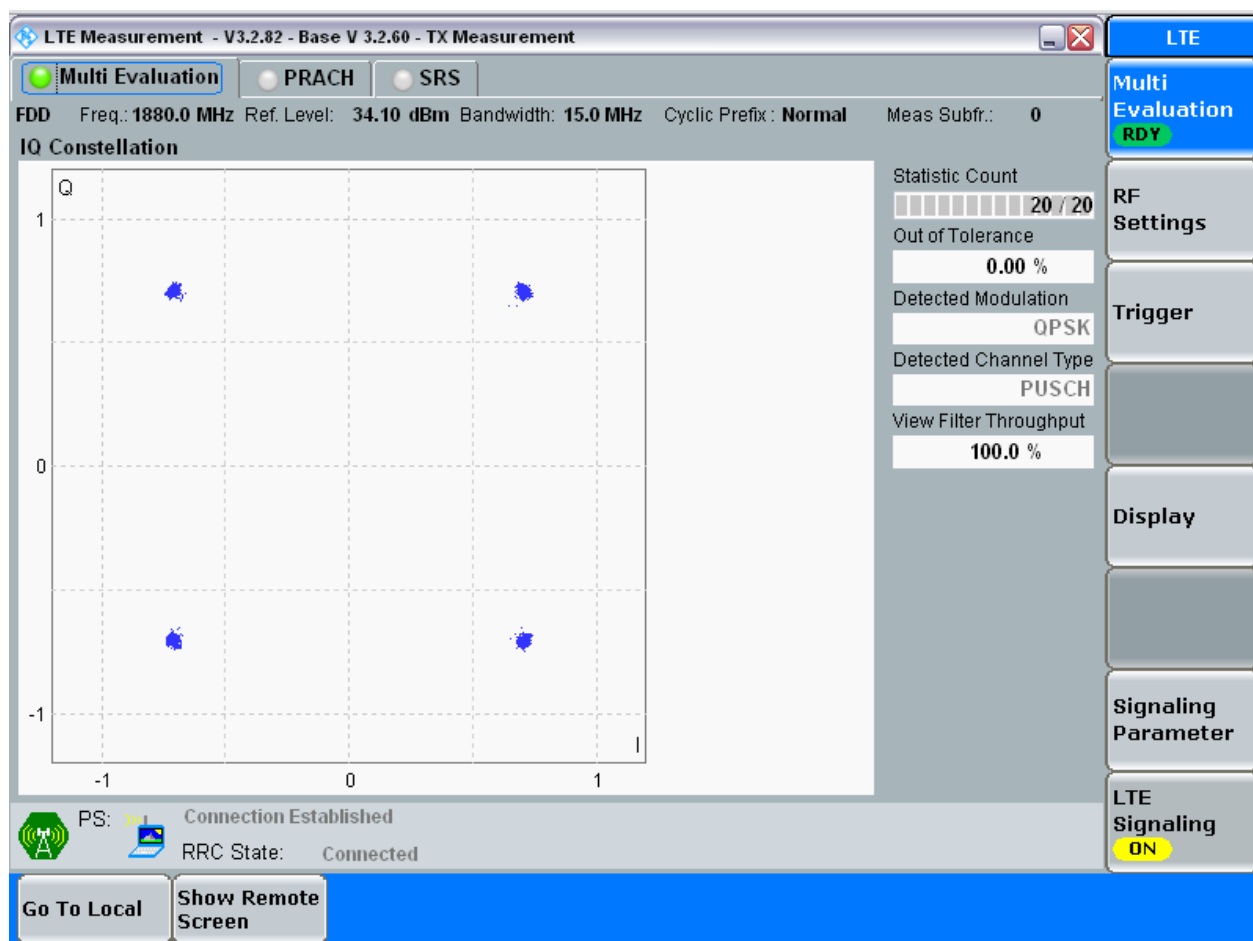
3.1.1.1.4.1.1 Test RB = RB50#0



3.1.1.1.5 Test Bandwidth = 15

3.1.1.1.5.1 Test Channel = MCH

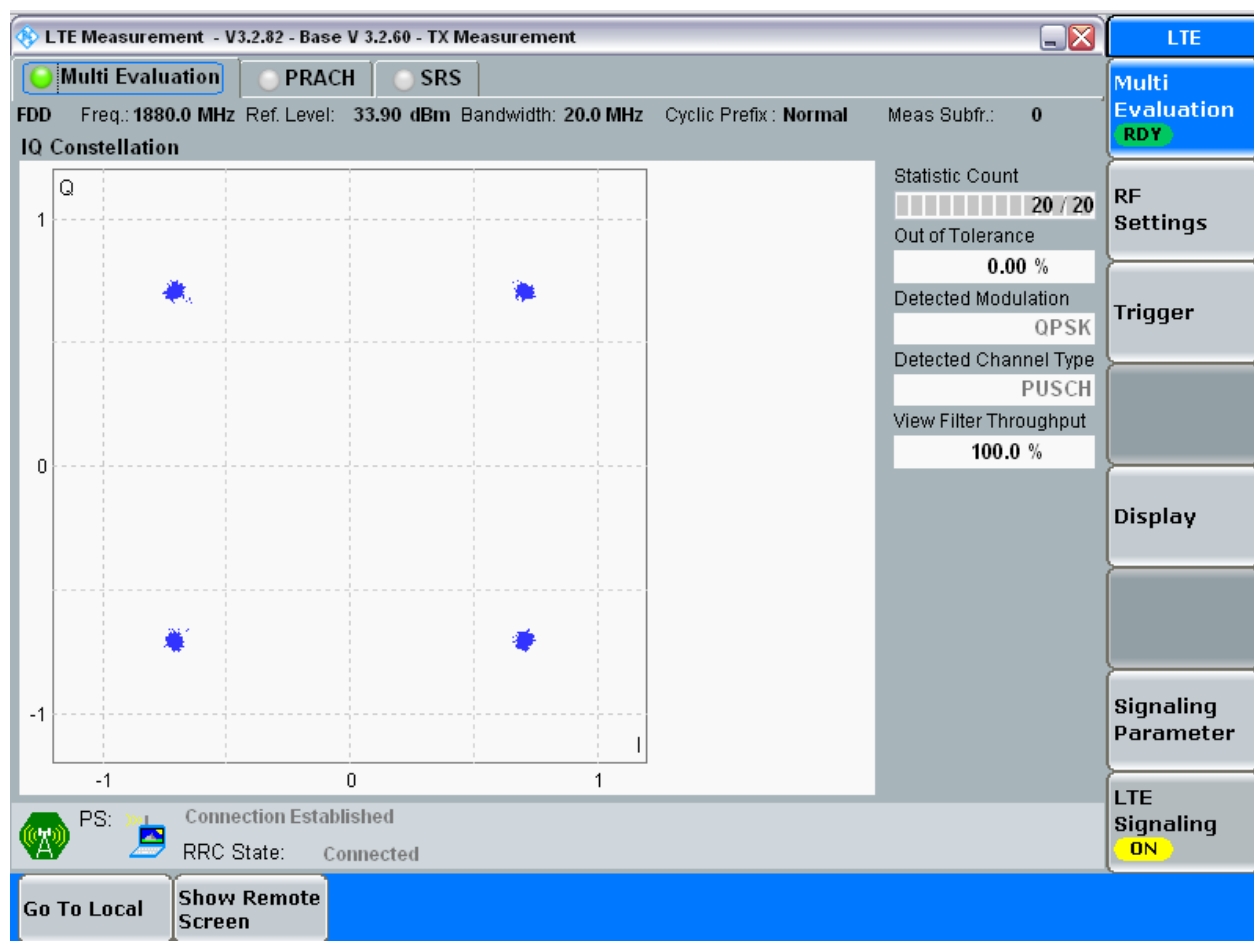
3.1.1.1.5.1.1 Test RB = RB75#0



3.1.1.1.6 Test Bandwidth = 20

3.1.1.1.6.1 Test Channel = MCH

3.1.1.1.6.1.1 Test RB = RB100#0

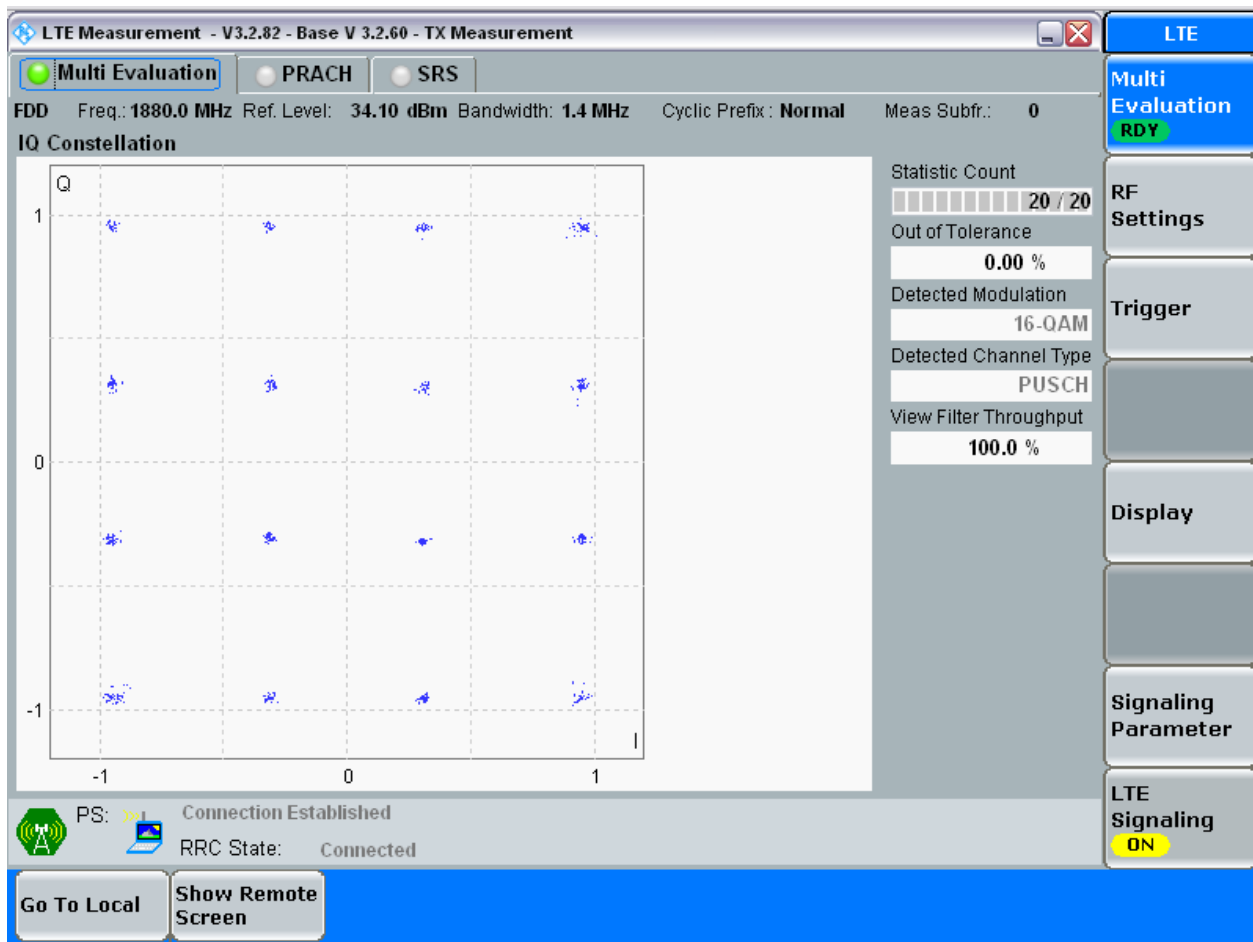


3.1.1.2 Test Mode = LTE/TM2

3.1.1.2.1 Test Bandwidth = 1.4

3.1.1.2.1.1 Test Channel = MCH

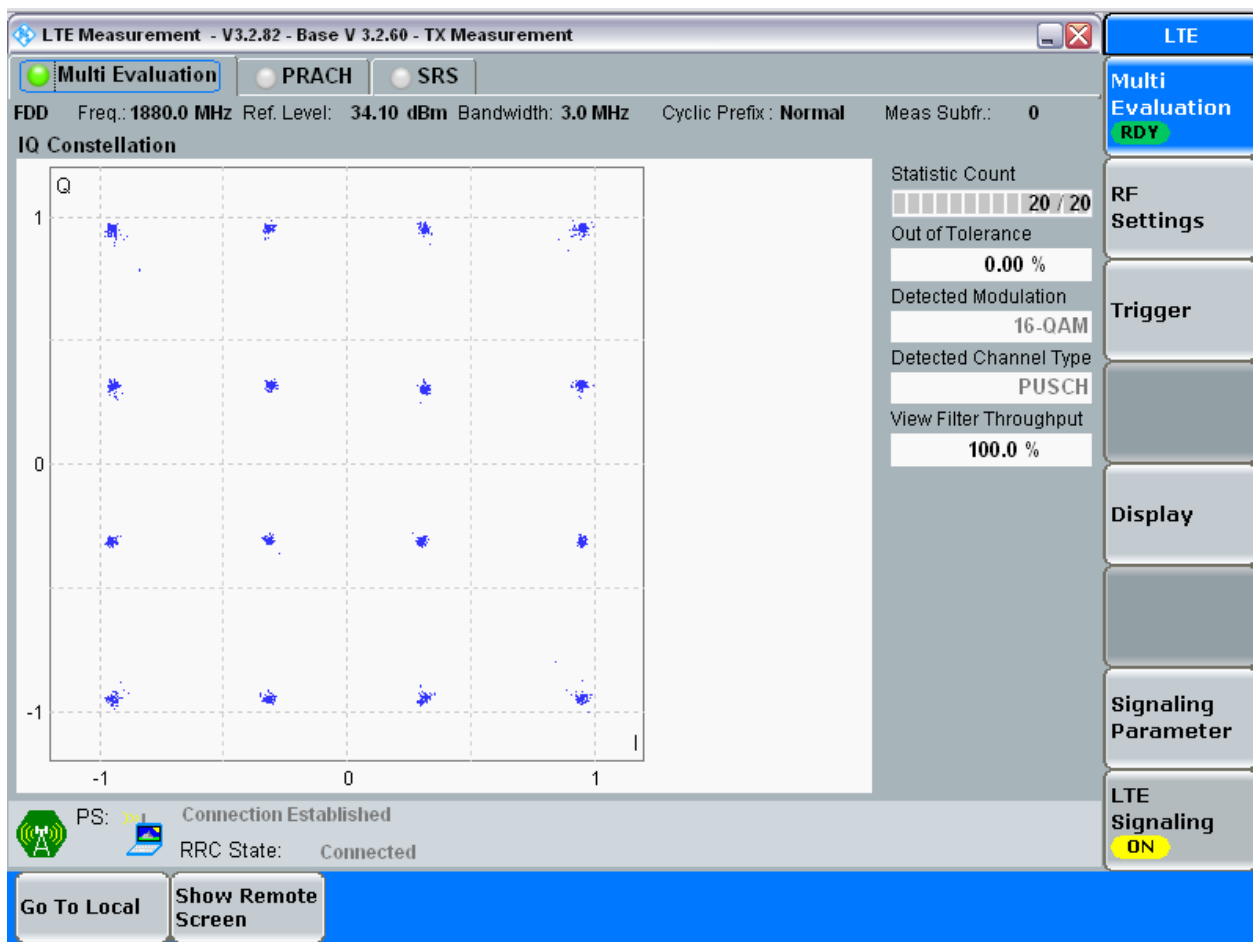
3.1.1.2.1.1.1 Test RB = RB6#0



3.1.2.2.2 Test Bandwidth = 3

3.1.1.2.2.1 Test Channel = MCH

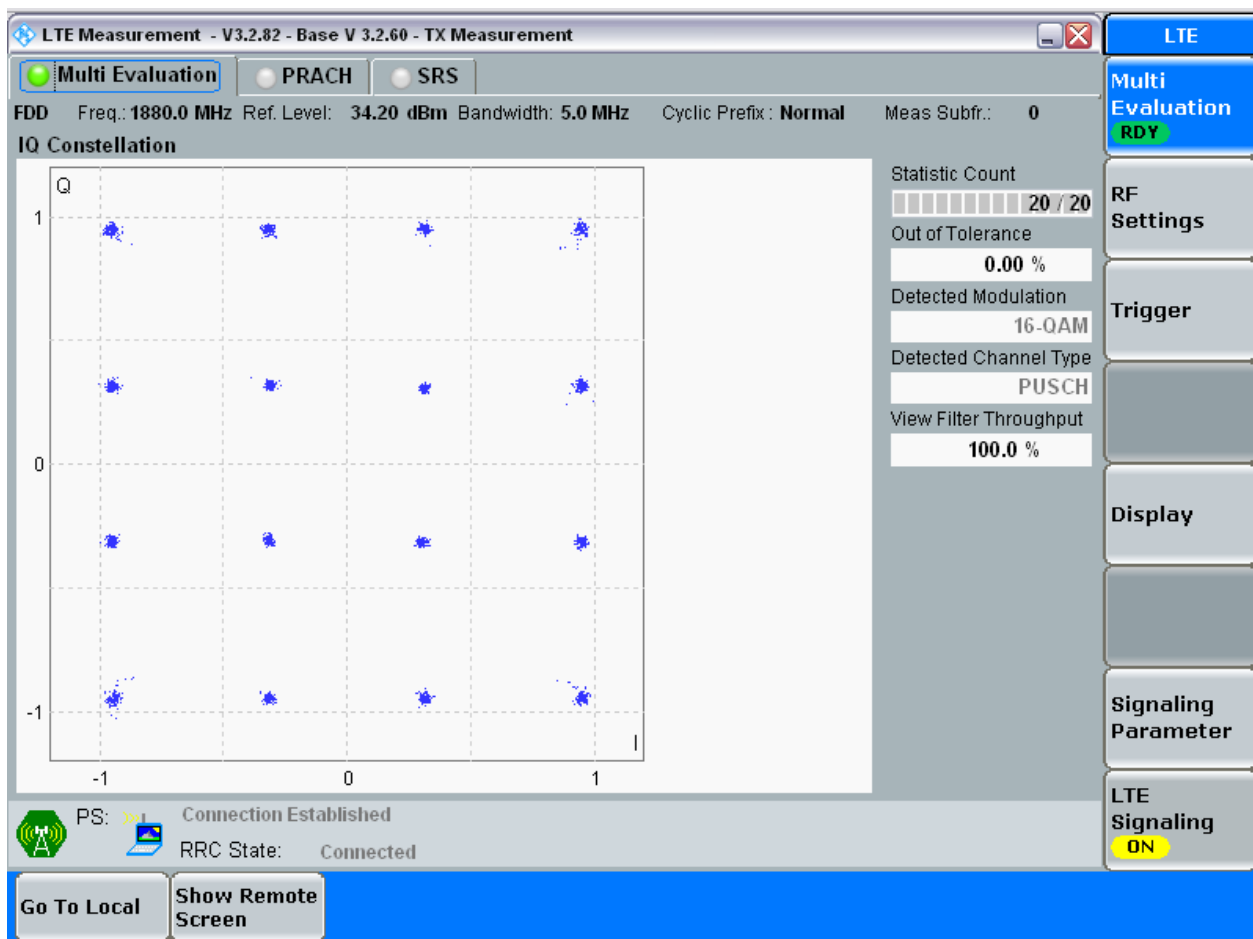
3.1.1.2.2.1.1 Test RB = RB15#0



3.1.1.2.3 Test Bandwidth = 5

3.1.1.2.3.1 Test Channel = MCH

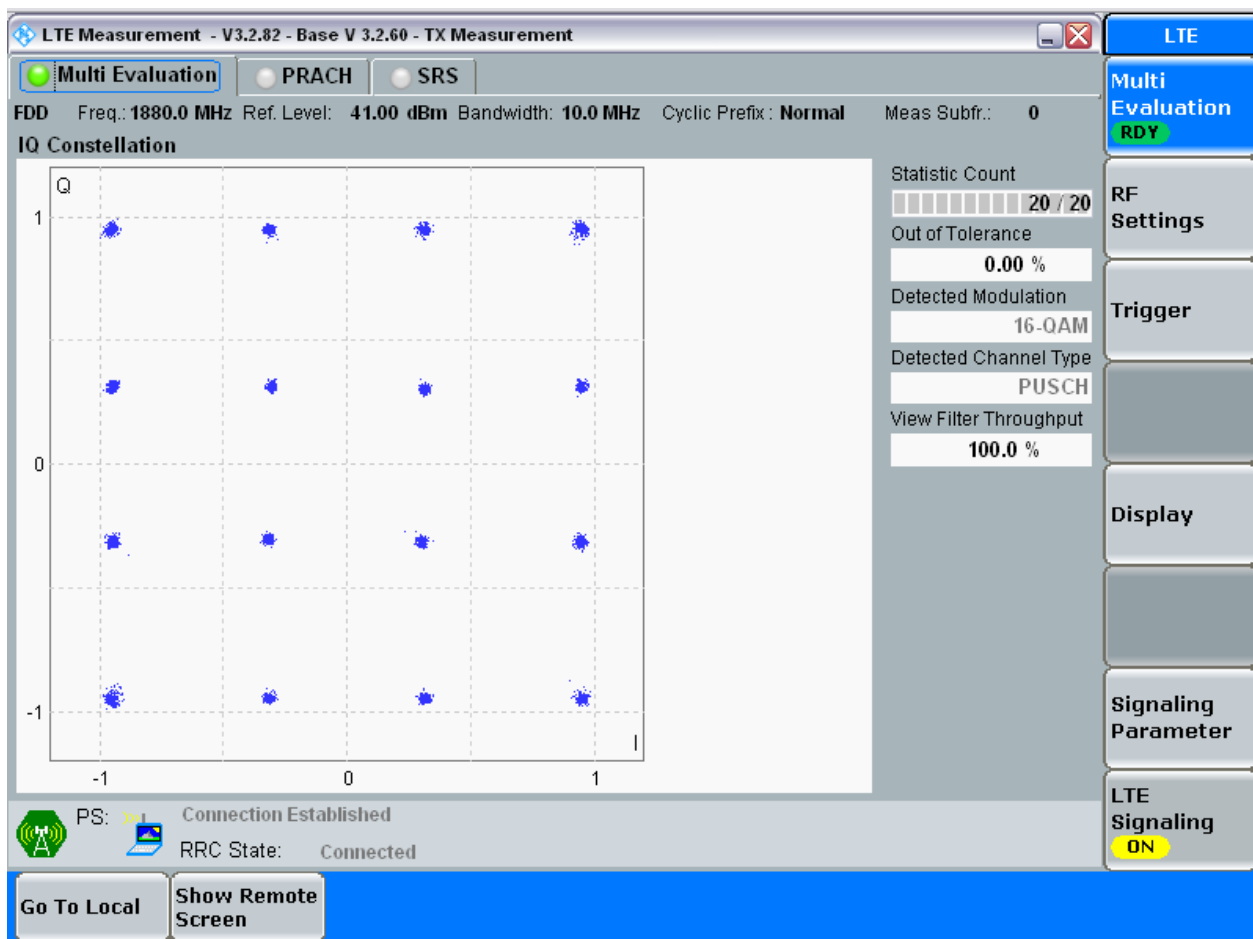
3.1.1.2.3.1.1 Test RB = RB25#0



3.1.1.2.4 Test Bandwidth = 10

3.1.1.2.4.1 Test Channel = MCH

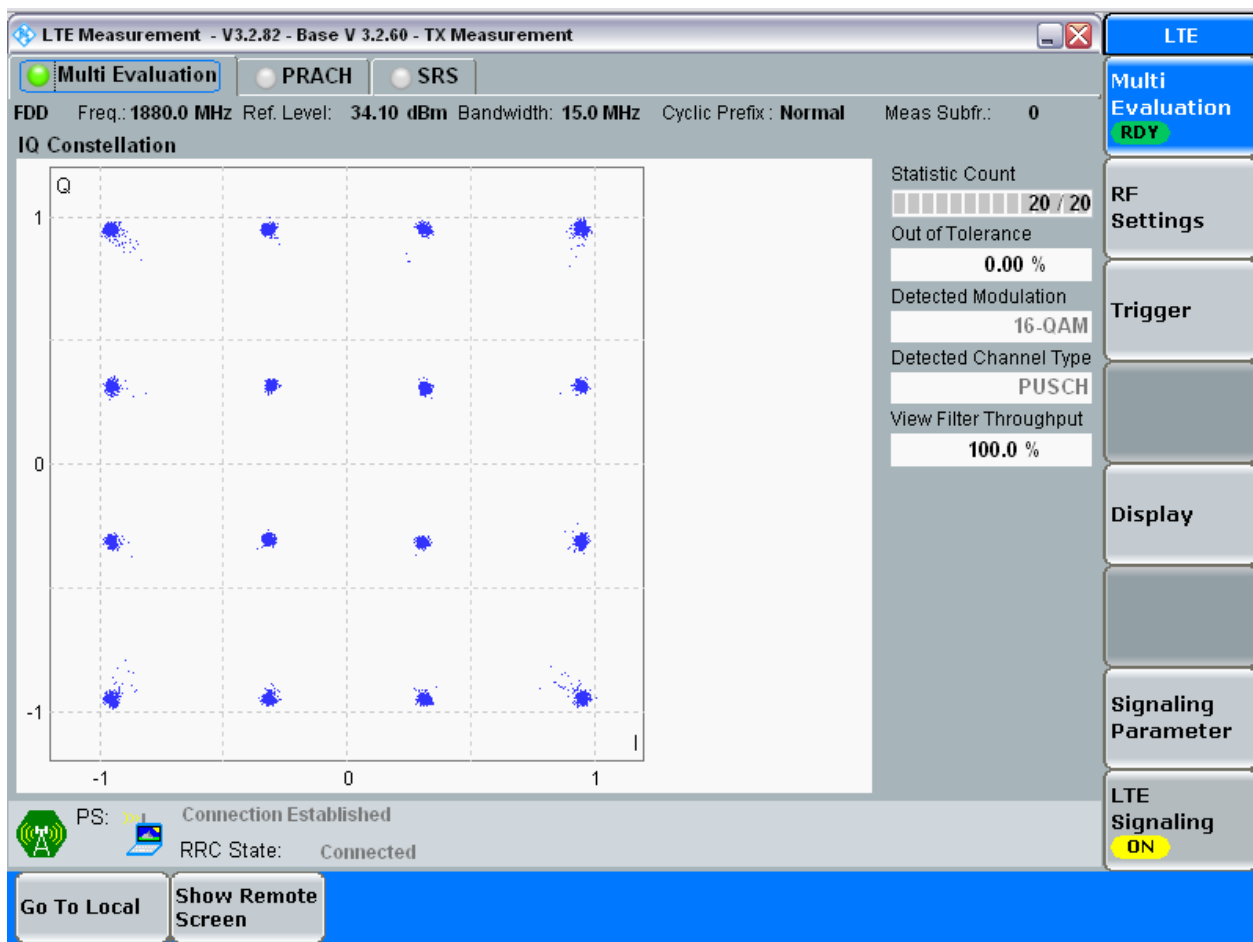
3.1.1.2.4.1.1 Test RB = RB50#0



3.1.1.2.5 Test Bandwidth = 15

3.1.1.2.5.1 Test Channel = MCH

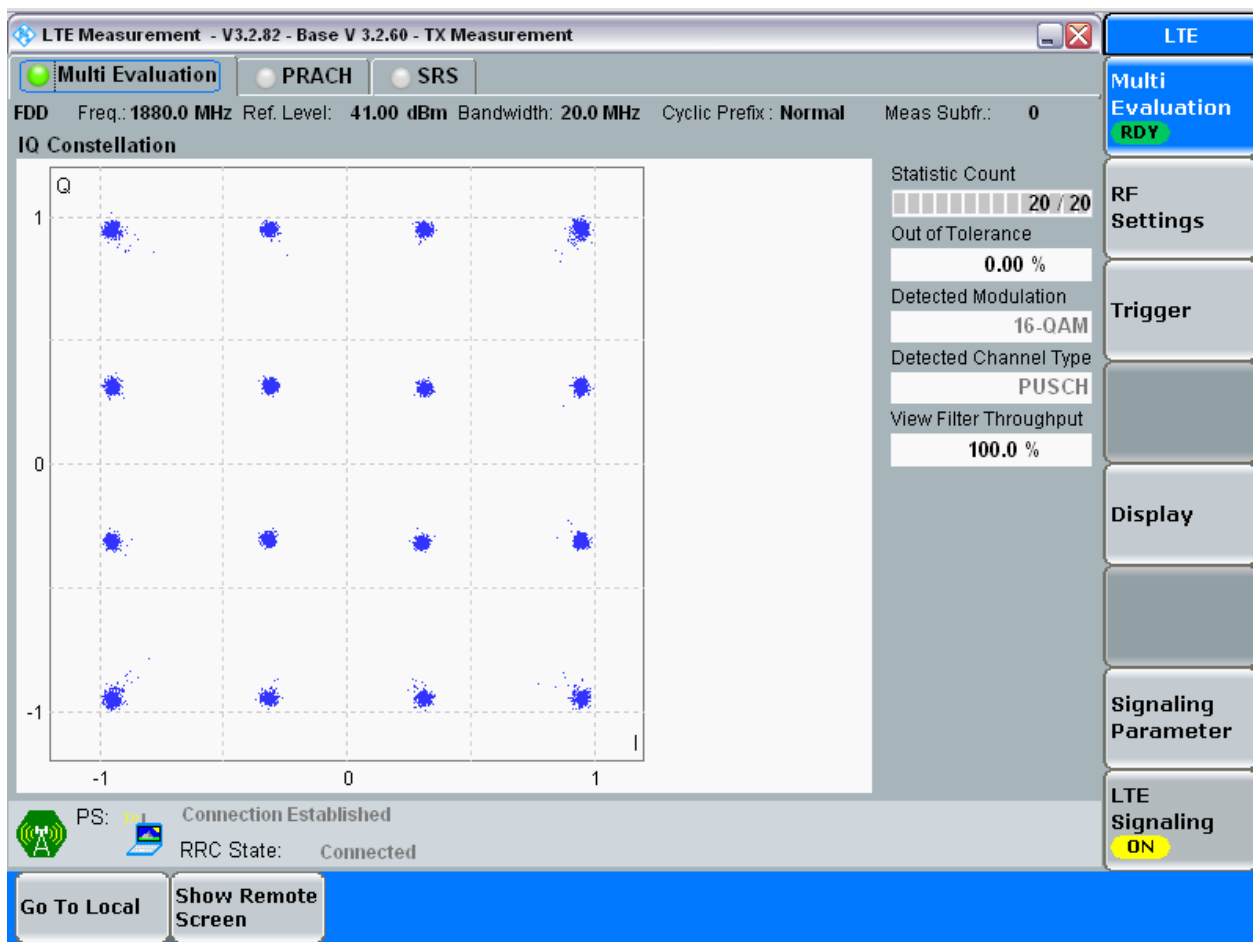
3.1.1.2.5.1.1 Test RB = RB75#0



3.1.1.2.6 Test Bandwidth = 20

3.1.1.2.6.1 Test Channel = MCH

3.1.1.2.6.1.1 Test RB = RB100#0



4Appendix_D: Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
BAND2	LTE/TM1	1.4	LCH	RB6#0	1.09	1.22	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.22	Pass
		3	LCH	RB15#0	2.71	2.93	Pass
			MCH	RB15#0	2.71	2.94	Pass
			HCH	RB15#0	2.70	2.94	Pass
		5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.50	4.89	Pass
			HCH	RB25#0	4.49	4.87	Pass
		10	LCH	RB50#0	8.98	9.66	Pass
			MCH	RB50#0	8.98	9.63	Pass
			HCH	RB50#0	8.97	9.59	Pass
		15	LCH	RB75#0	13.48	14.39	Pass
			MCH	RB75#0	13.48	14.42	Pass
			HCH	RB75#0	13.44	14.37	Pass
		20	LCH	RB100#0	17.94	19.03	Pass
			MCH	RB100#0	17.94	19.04	Pass
			HCH	RB100#0	17.89	19.01	Pass
	LTE/TM2	1.4	LCH	RB6#0	1.09	1.23	Pass
			MCH	RB6#0	1.09	1.23	Pass
			HCH	RB6#0	1.09	1.23	Pass
		3	LCH	RB15#0	2.70	2.94	Pass
			MCH	RB15#0	2.70	2.94	Pass
			HCH	RB15#0	2.71	2.93	Pass
		5	LCH	RB25#0	4.50	4.86	Pass
			MCH	RB25#0	4.51	4.85	Pass
			HCH	RB25#0	4.50	4.87	Pass
		10	LCH	RB50#0	8.99	9.66	Pass
			MCH	RB50#0	8.98	9.58	Pass

Test Band	Test Mode	Test Bandwidth	Test Channel	Test RB	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		15	HCH	RB50#0	8.98	9.57	Pass
			LCH	RB75#0	13.48	14.35	Pass
			MCH	RB75#0	13.47	14.34	Pass
			HCH	RB75#0	13.43	14.37	Pass
		20	LCH	RB100#0	17.94	19.04	Pass
			MCH	RB100#0	17.94	19.06	Pass
			HCH	RB100#0	17.90	19.03	Pass



Part II - Test Plots

4.1 For LTE

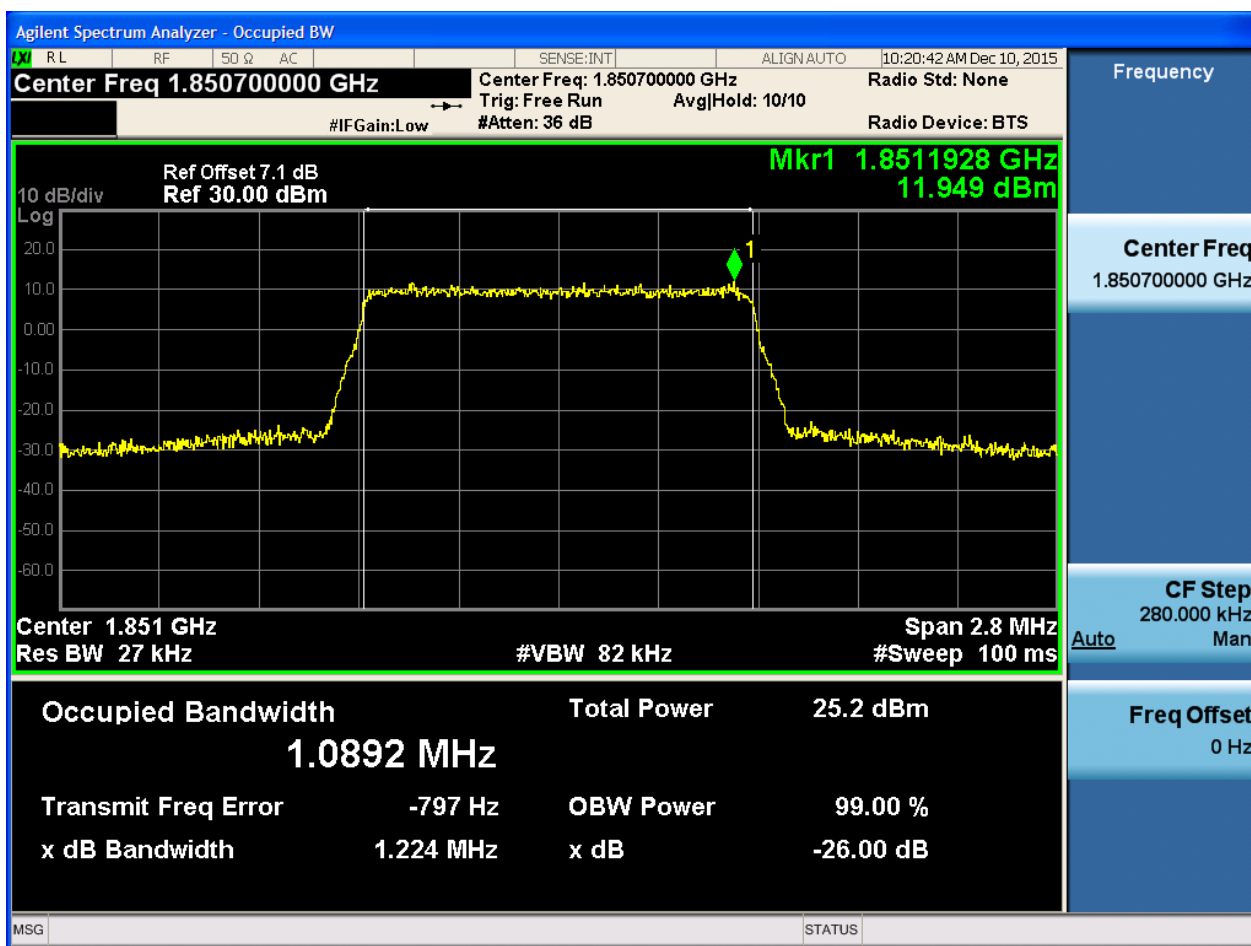
4.1.1 Test Band = BAND2

4.1.1.1 Test Mode = LTE/TM1

4.1.1.1.1 Test Bandwidth = 1.4

4.1.1.1.1.1 Test Channel = LCH

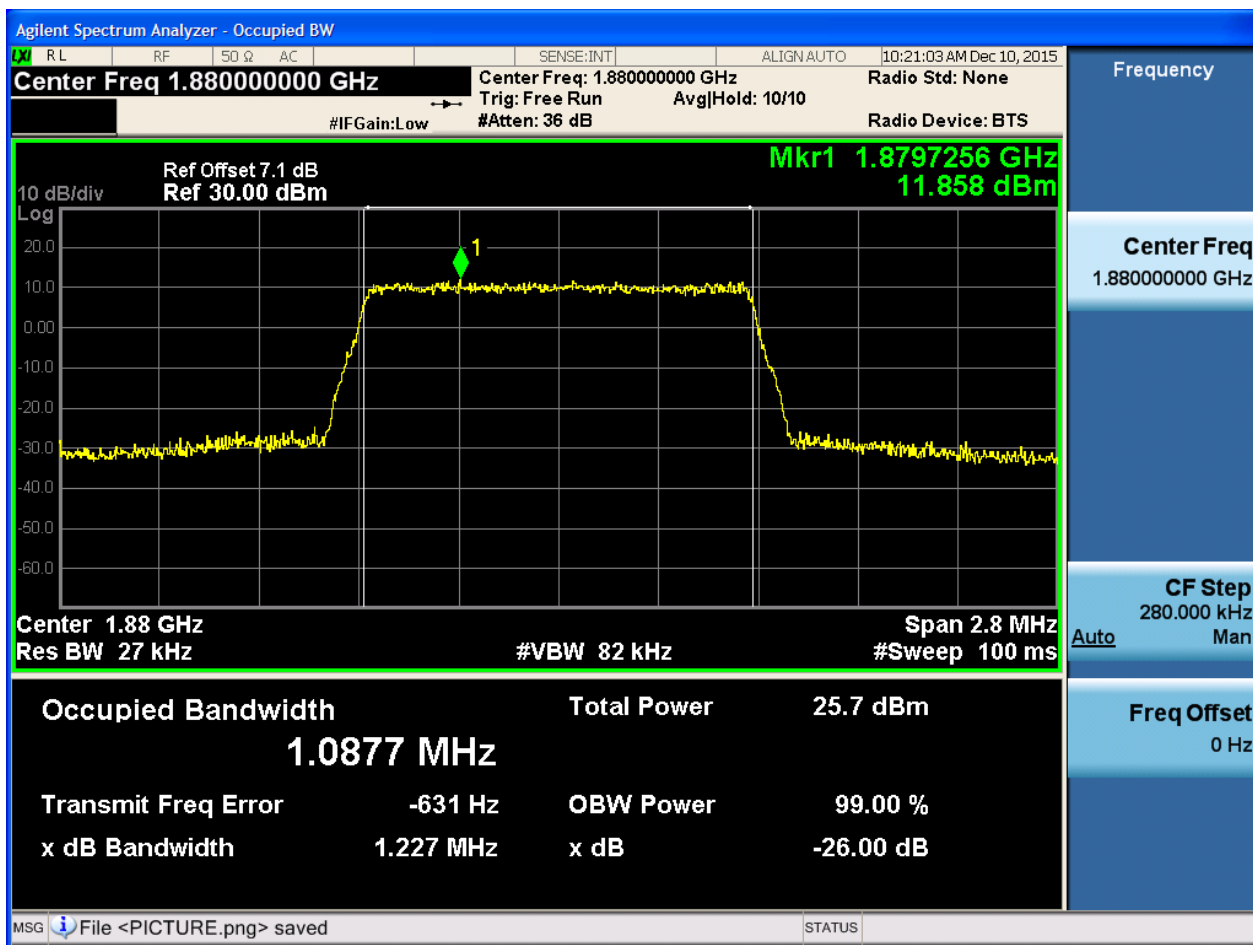
4.1.1.1.1.1.1 Test RB = RB6#0





4.1.1.1.1.2 Test Channel = MCH

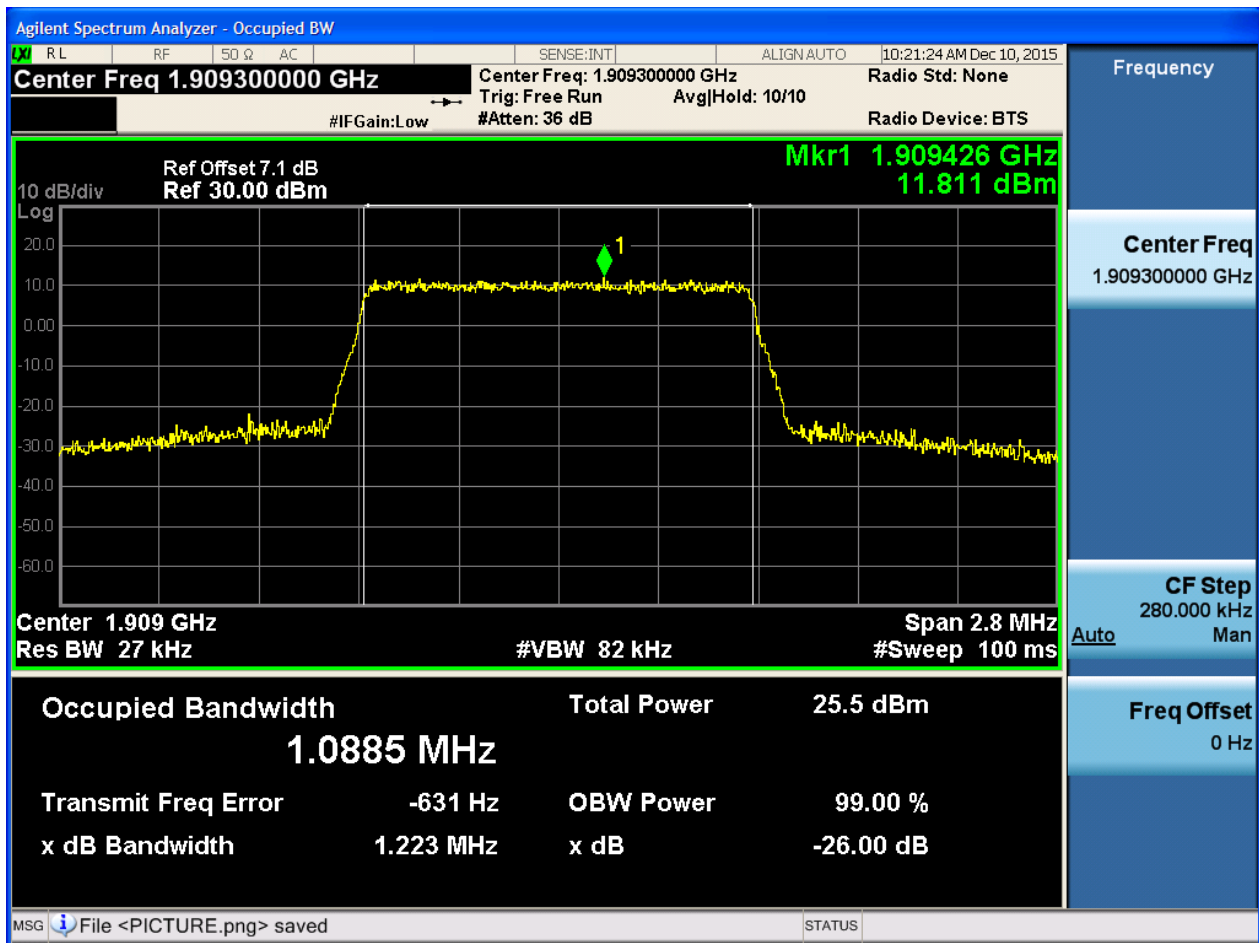
4.1.1.1.1.2.1 Test RB = RB6#0





4.1.1.1.1.3 Test Channel = HCH

4.1.1.1.1.3.1 Test RB = RB6#0

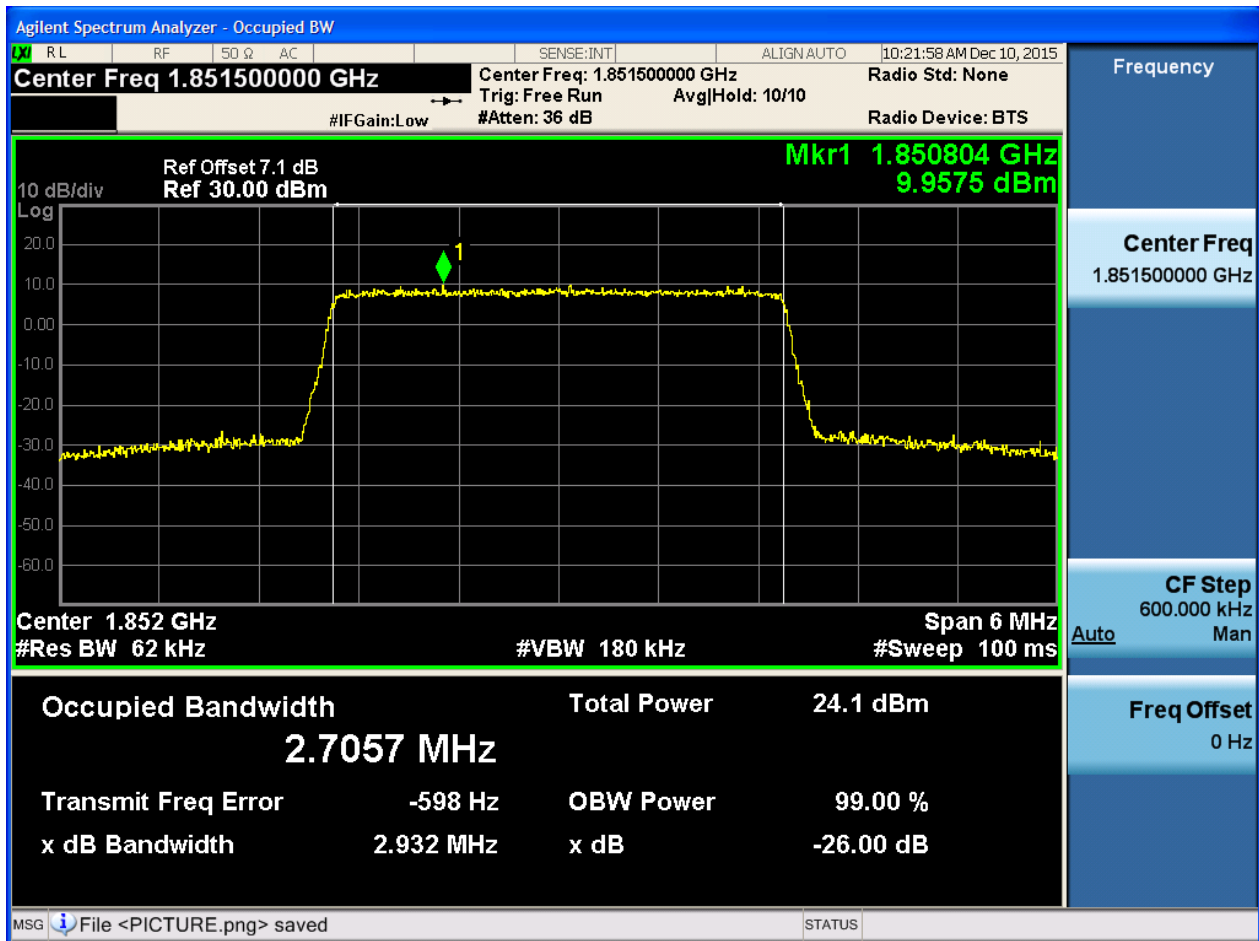




4.1.1.1.2 Test Bandwidth = 3

4.1.1.1.2.1 Test Channel = LCH

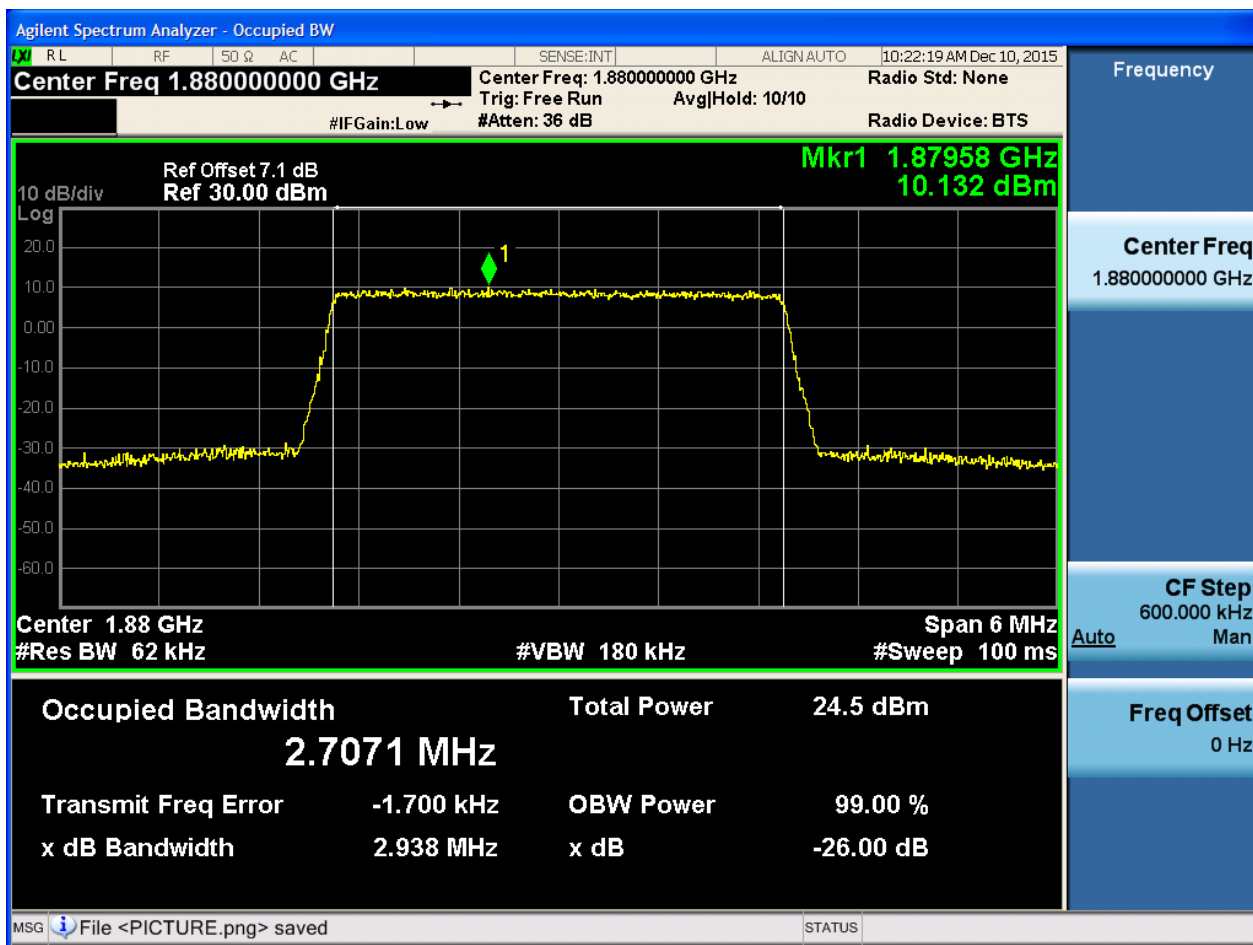
4.1.1.1.2.1.1 Test RB = RB15#0





4.1.1.1.2.2 Test Channel = MCH

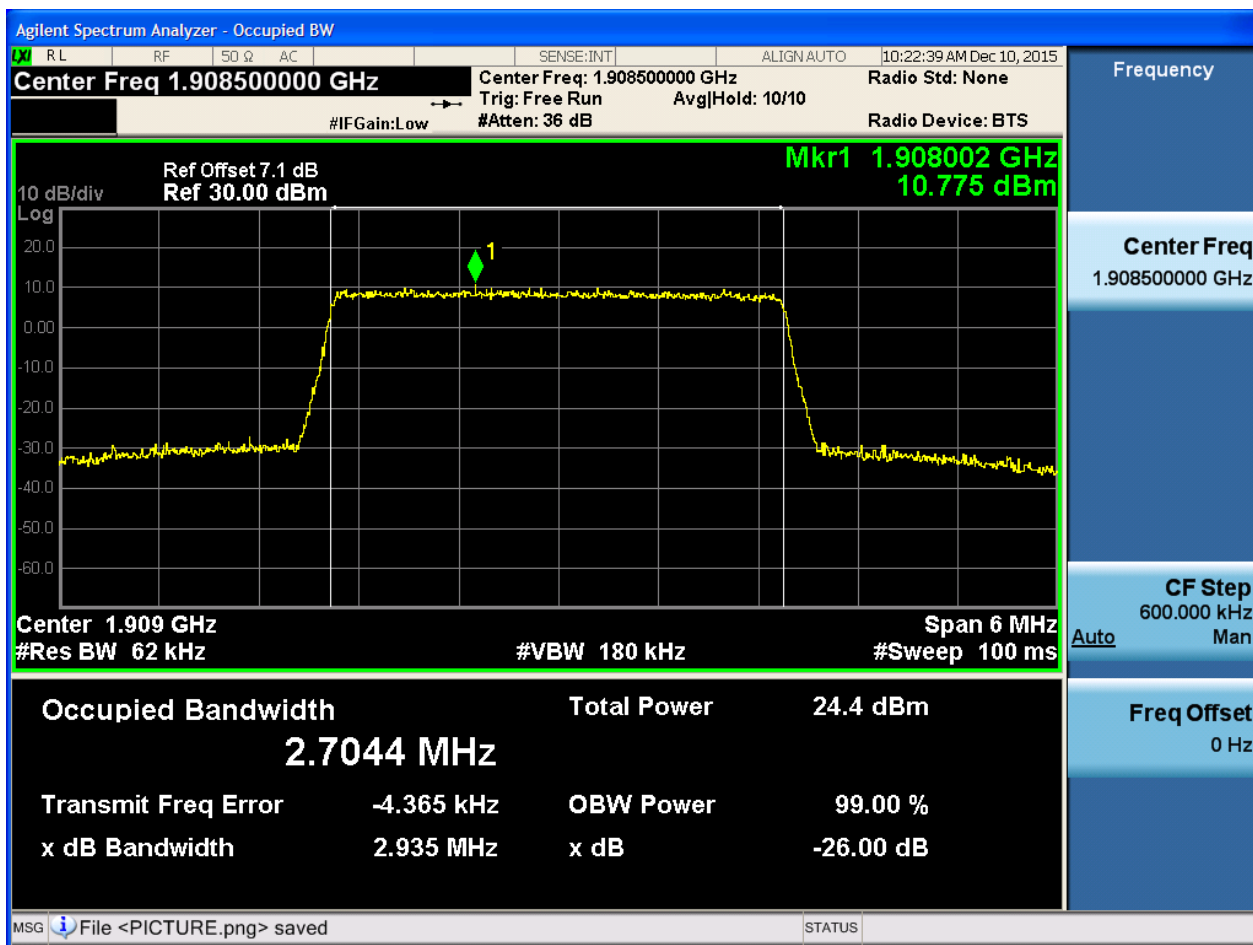
4.1.1.1.2.2.1 Test RB = RB15#0





4.1.1.1.2.3 Test Channel = HCH

4.1.1.1.2.3.1 Test RB = RB15#0

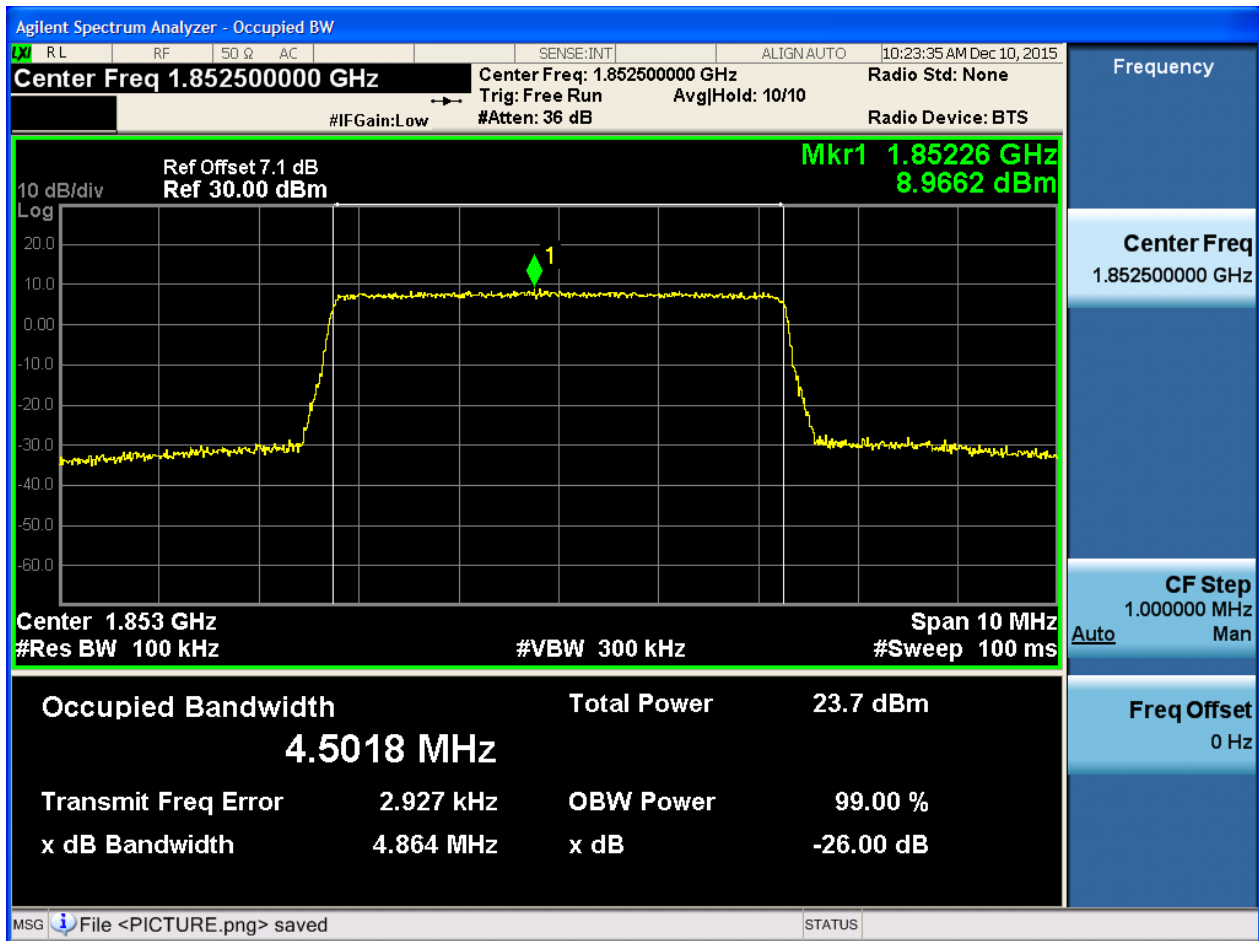




4.1.1.1.3 Test Bandwidth = 5

4.1.1.1.3.1 Test Channel = LCH

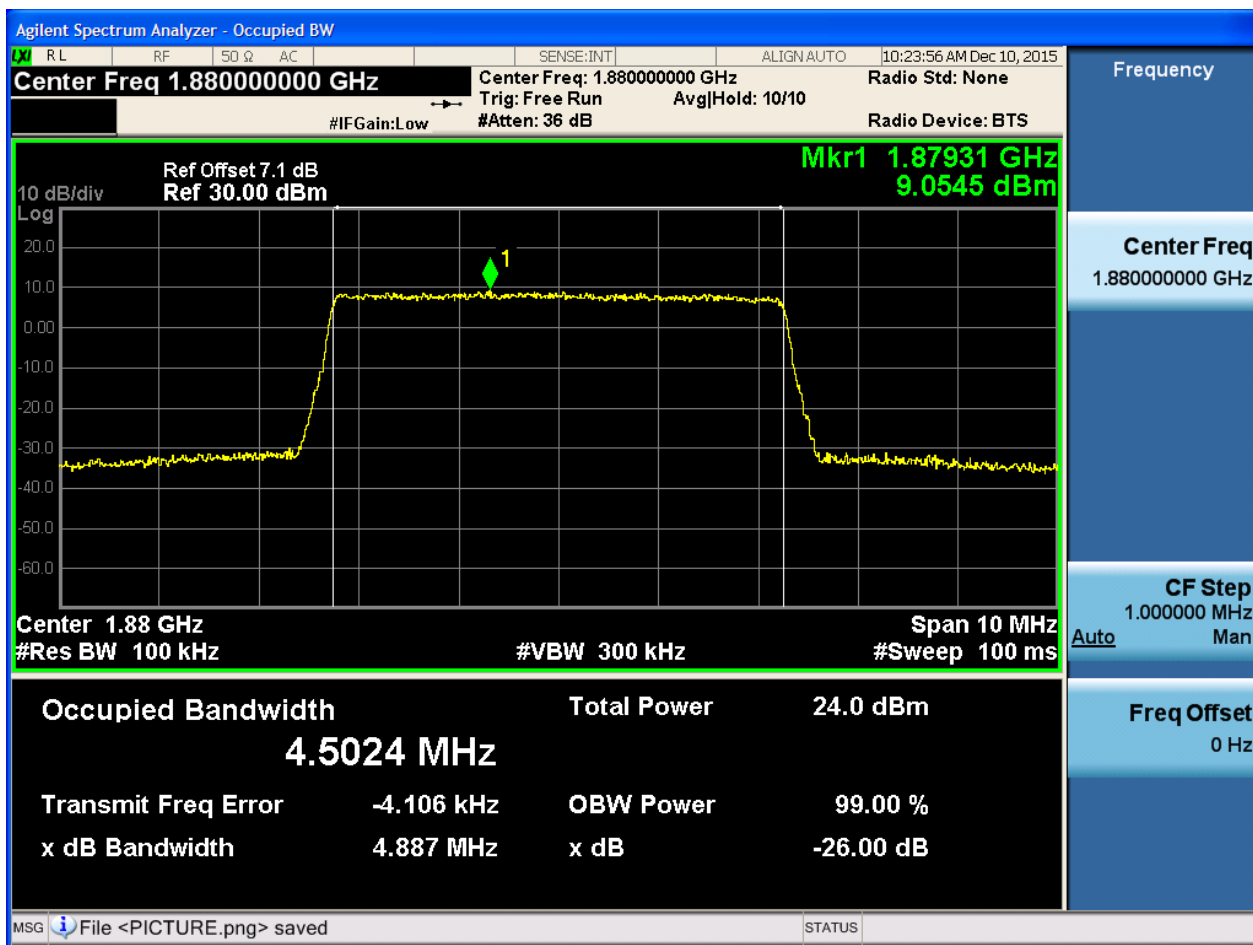
4.1.1.1.3.1.1 Test RB = RB25#0





4.1.1.1.3.2 Test Channel = MCH

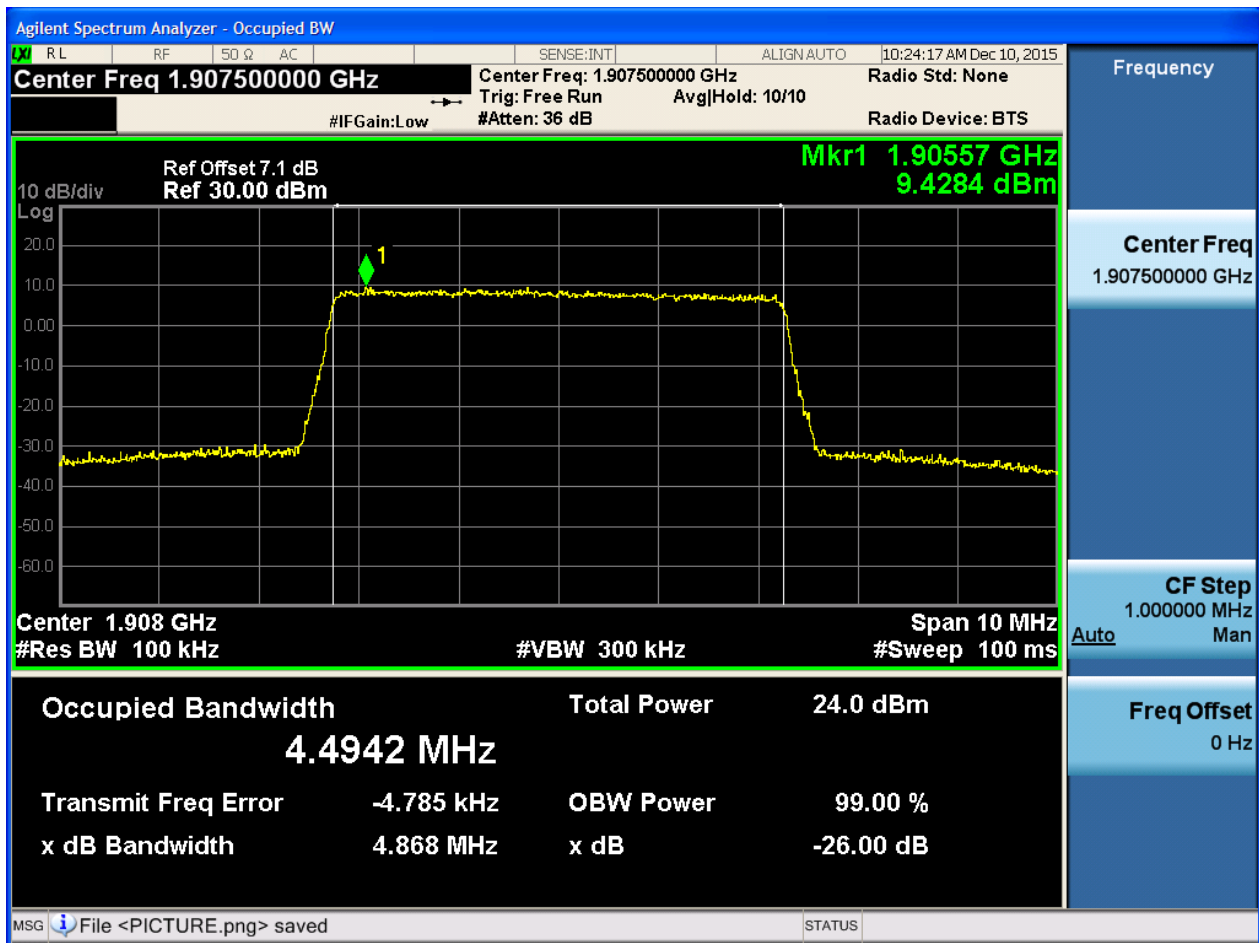
4.1.1.1.3.2.1 Test RB = RB25#0





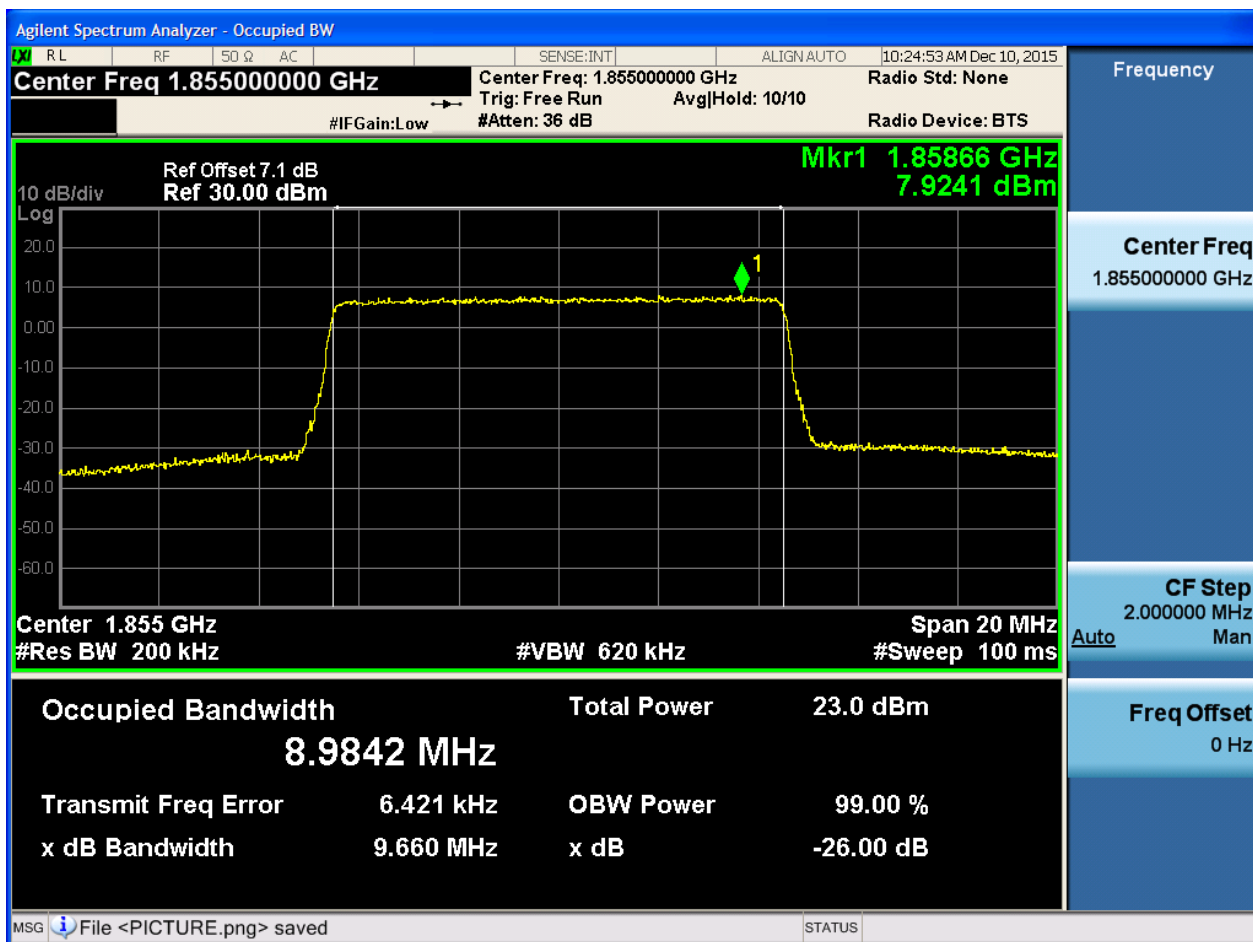
4.1.1.1.3.3 Test Channel = HCH

4.1.1.1.3.3.1 Test RB = RB25#0





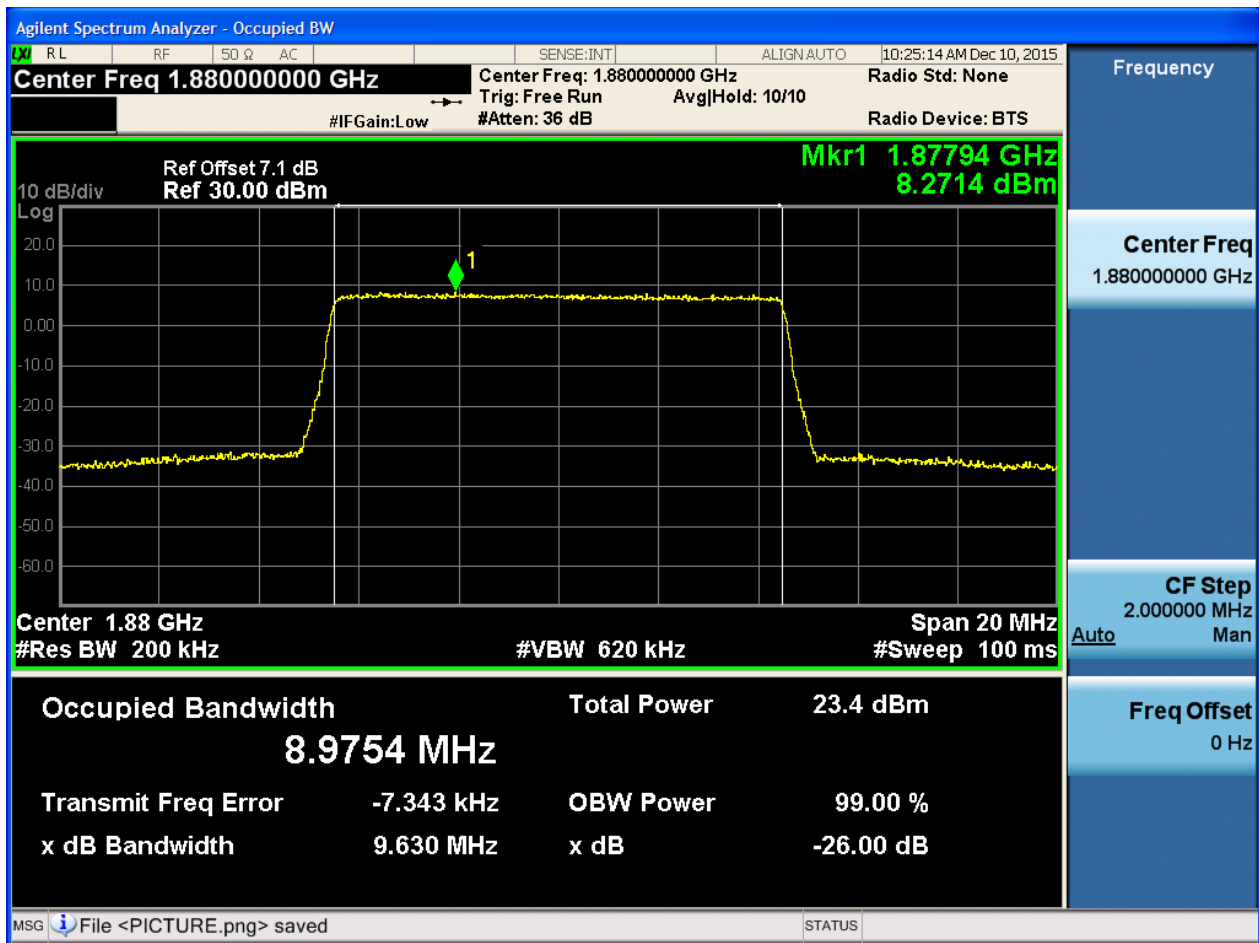
4.1.1.1.4.1.1 Test RB = RB50#0





4.1.1.1.4.2 Test Channel = MCH

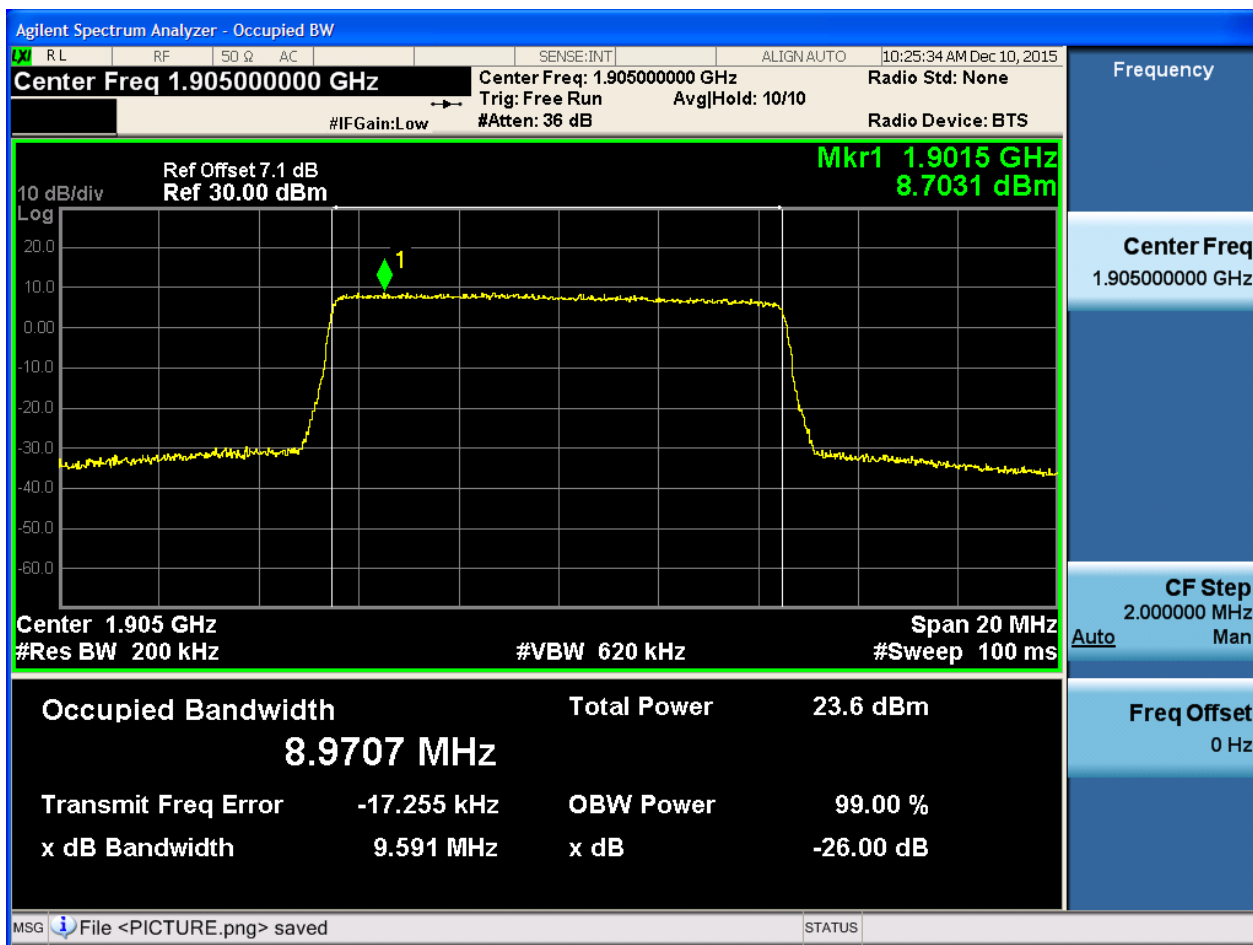
4.1.1.1.4.2.1 Test RB = RB50#0





4.1.1.1.4.3 Test Channel = HCH

4.1.1.1.4.3.1 Test RB = RB50#0

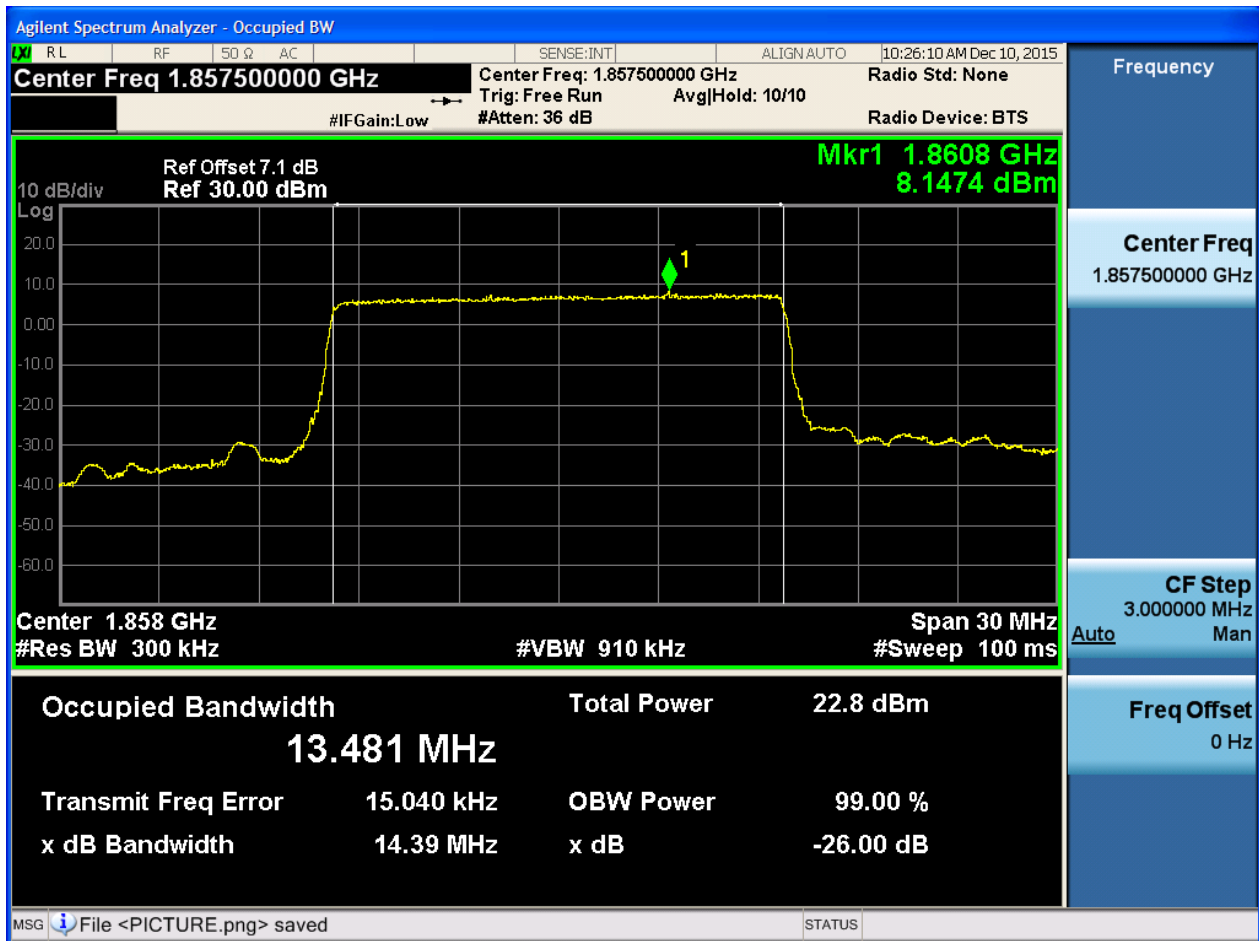




4.1.1.1.5 Test Bandwidth = 15

4.1.1.1.5.1 Test Channel = LCH

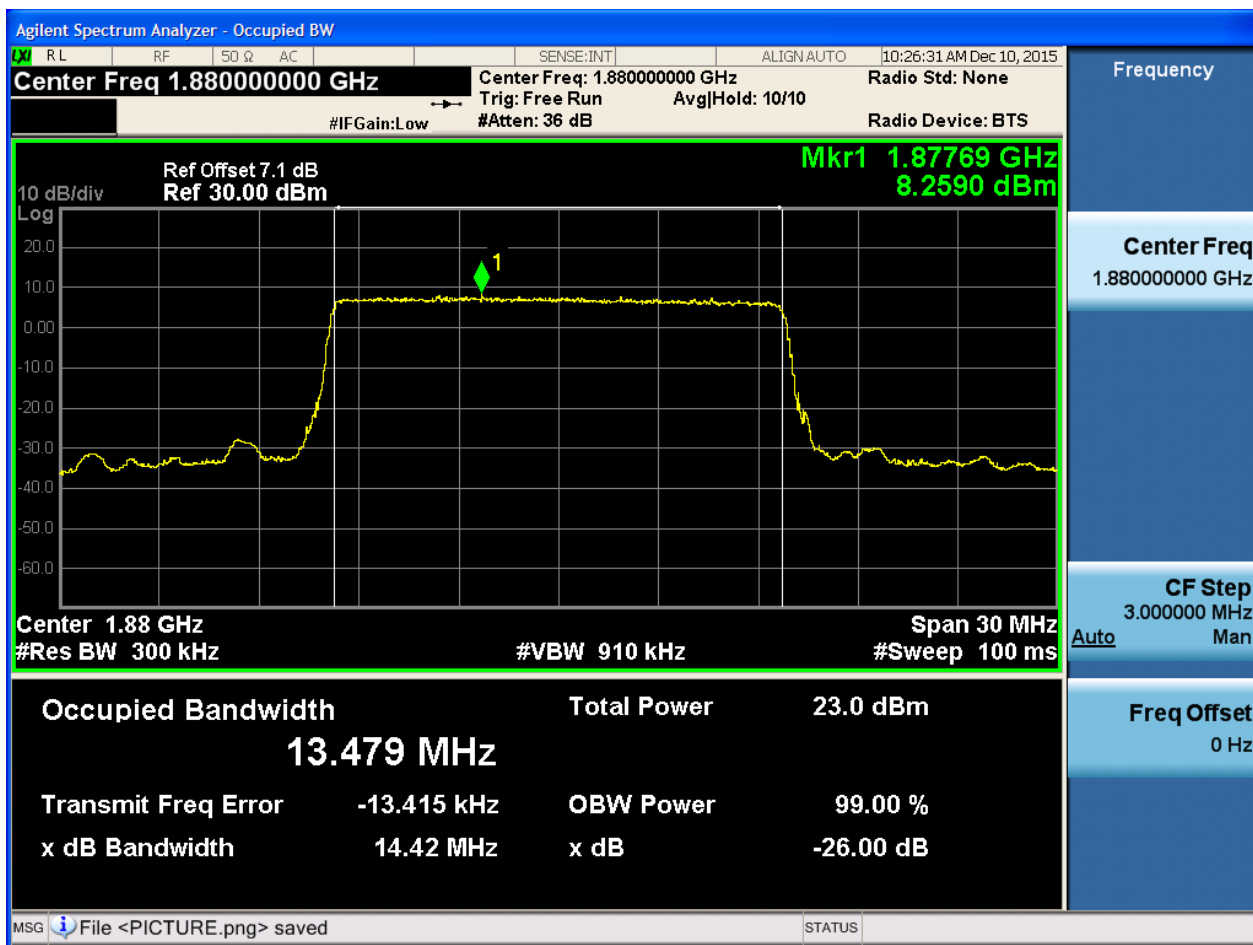
4.1.1.1.5.1.1 Test RB = RB75#0





4.1.1.1.5.2 Test Channel = MCH

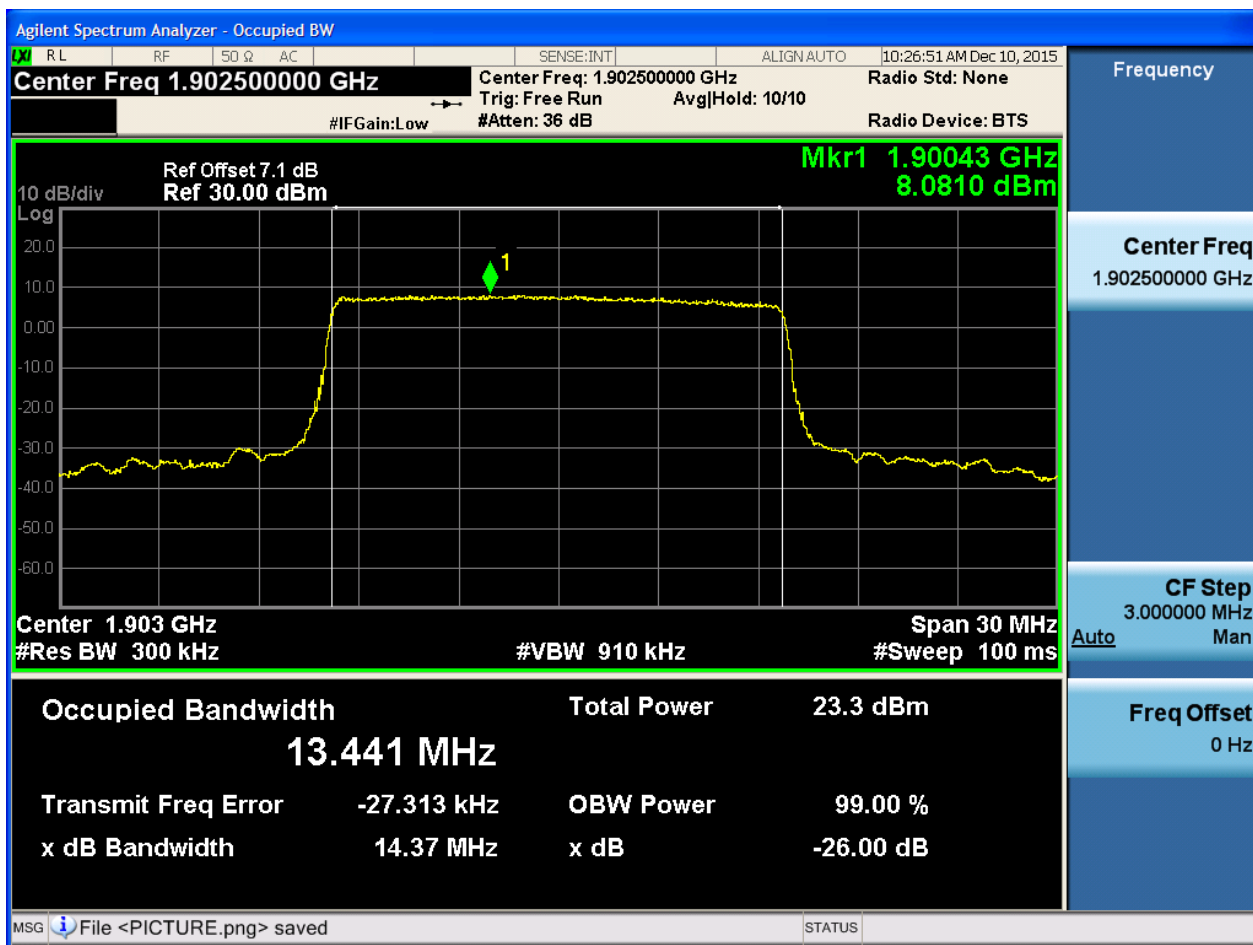
4.1.1.1.5.2.1 Test RB = RB75#0





4.1.1.1.5.3 Test Channel = HCH

4.1.1.1.5.3.1 Test RB = RB75#0

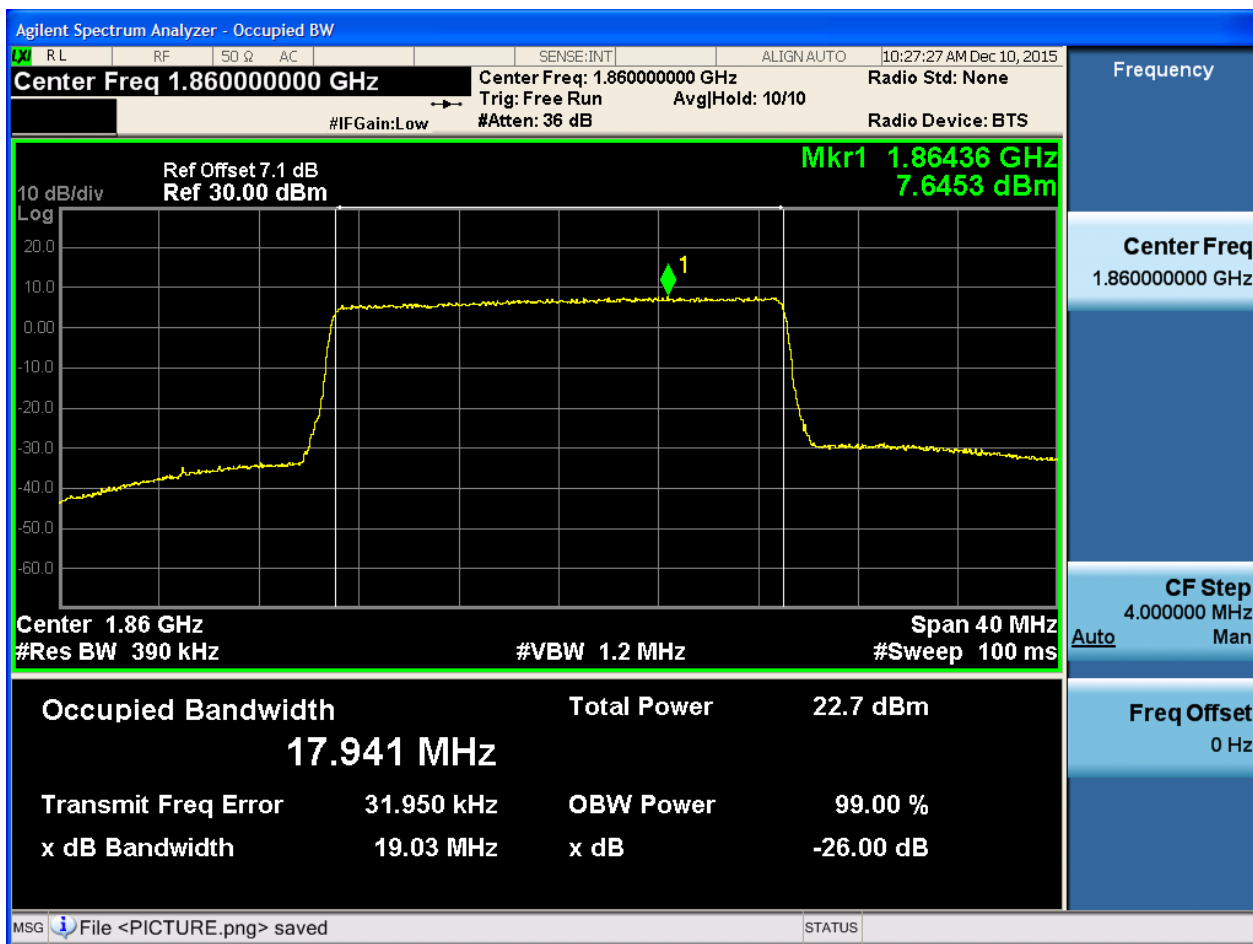




4.1.1.1.6 Test Bandwidth = 20

4.1.1.1.6.1 Test Channel = LCH

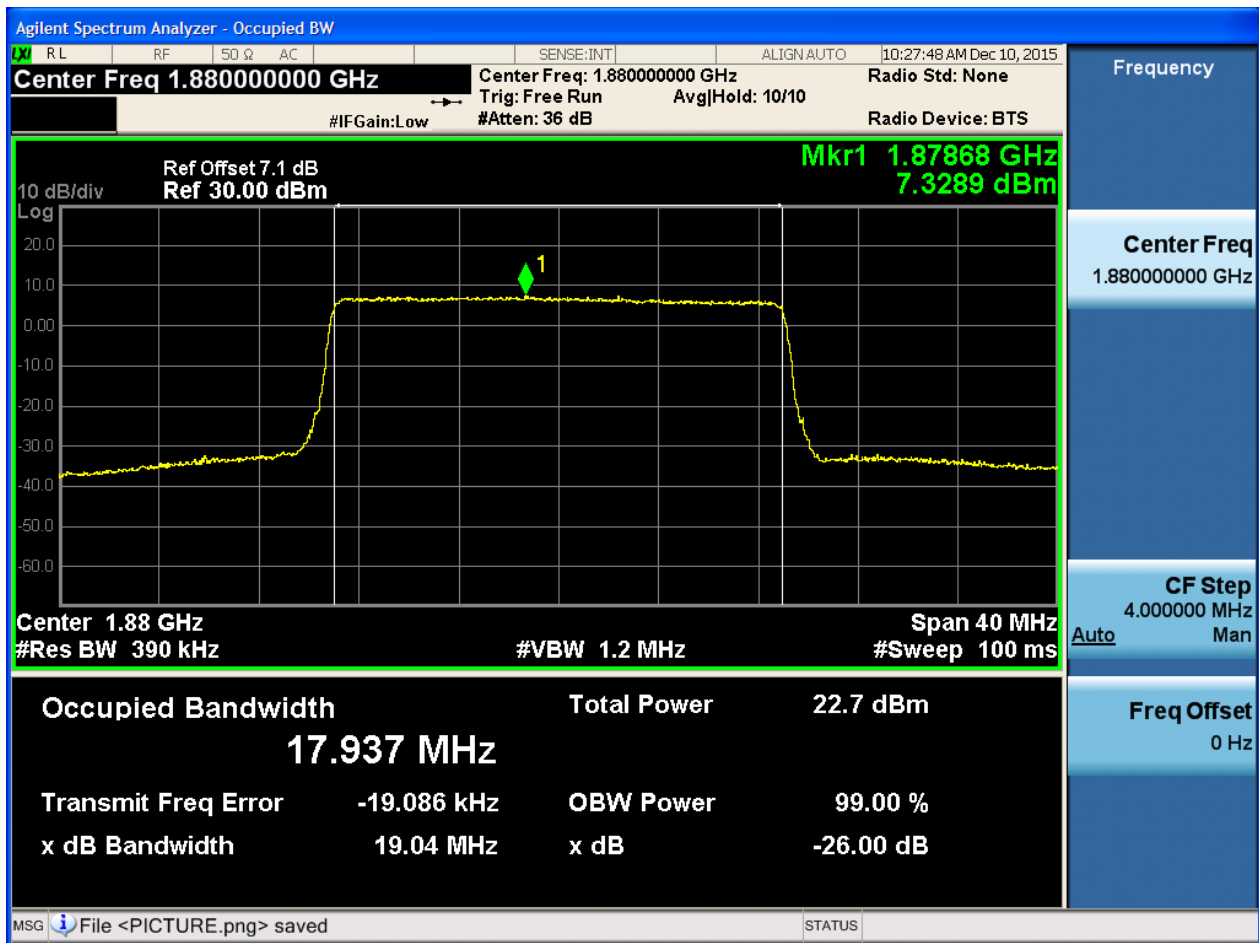
4.1.1.1.6.1.1 Test RB = RB100#0





4.1.1.1.6.2 Test Channel = MCH

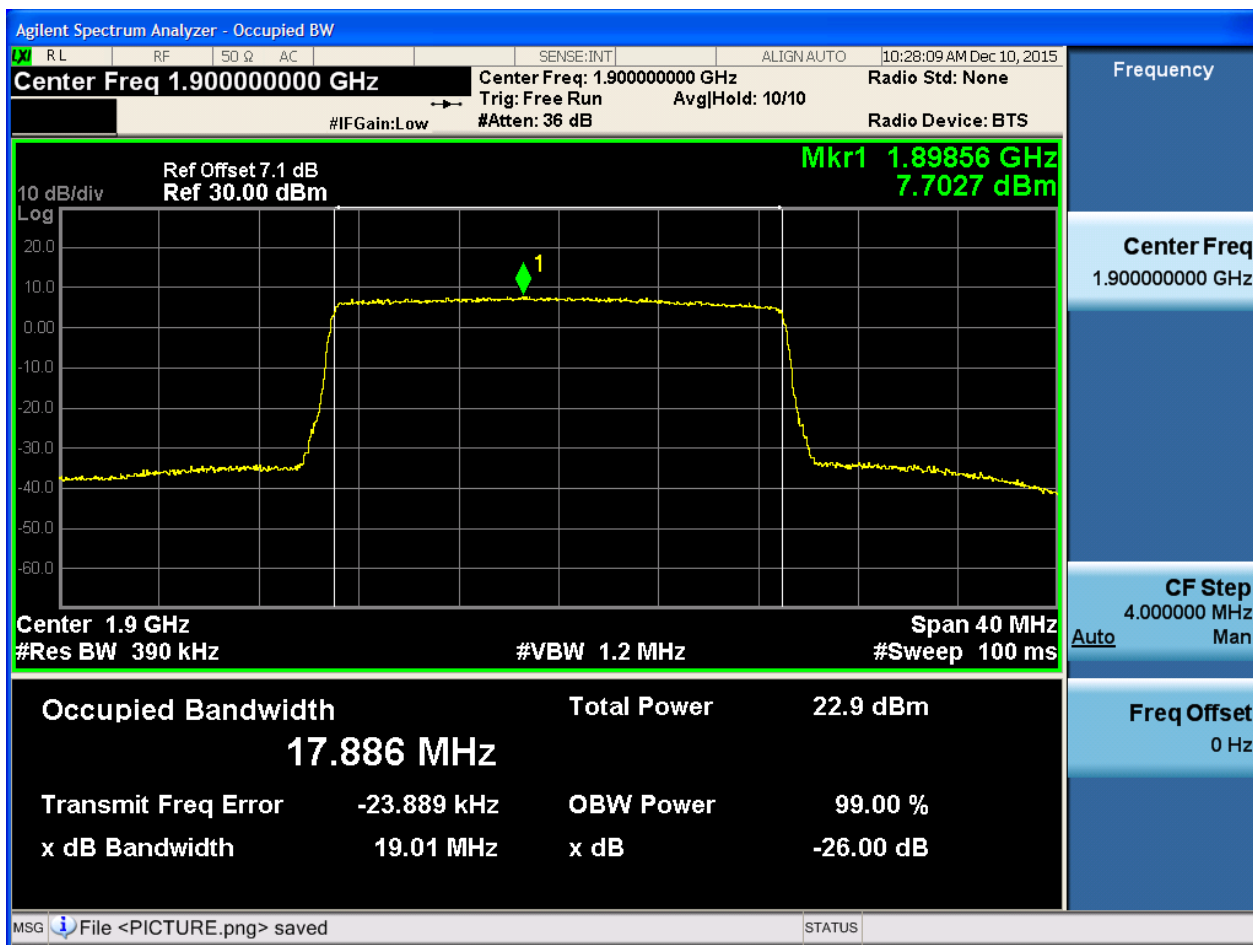
4.1.1.1.6.2.1 Test RB = RB100#0





4.1.1.1.6.3 Test Channel = HCH

4.1.1.1.6.3.1 Test RB = RB100#0



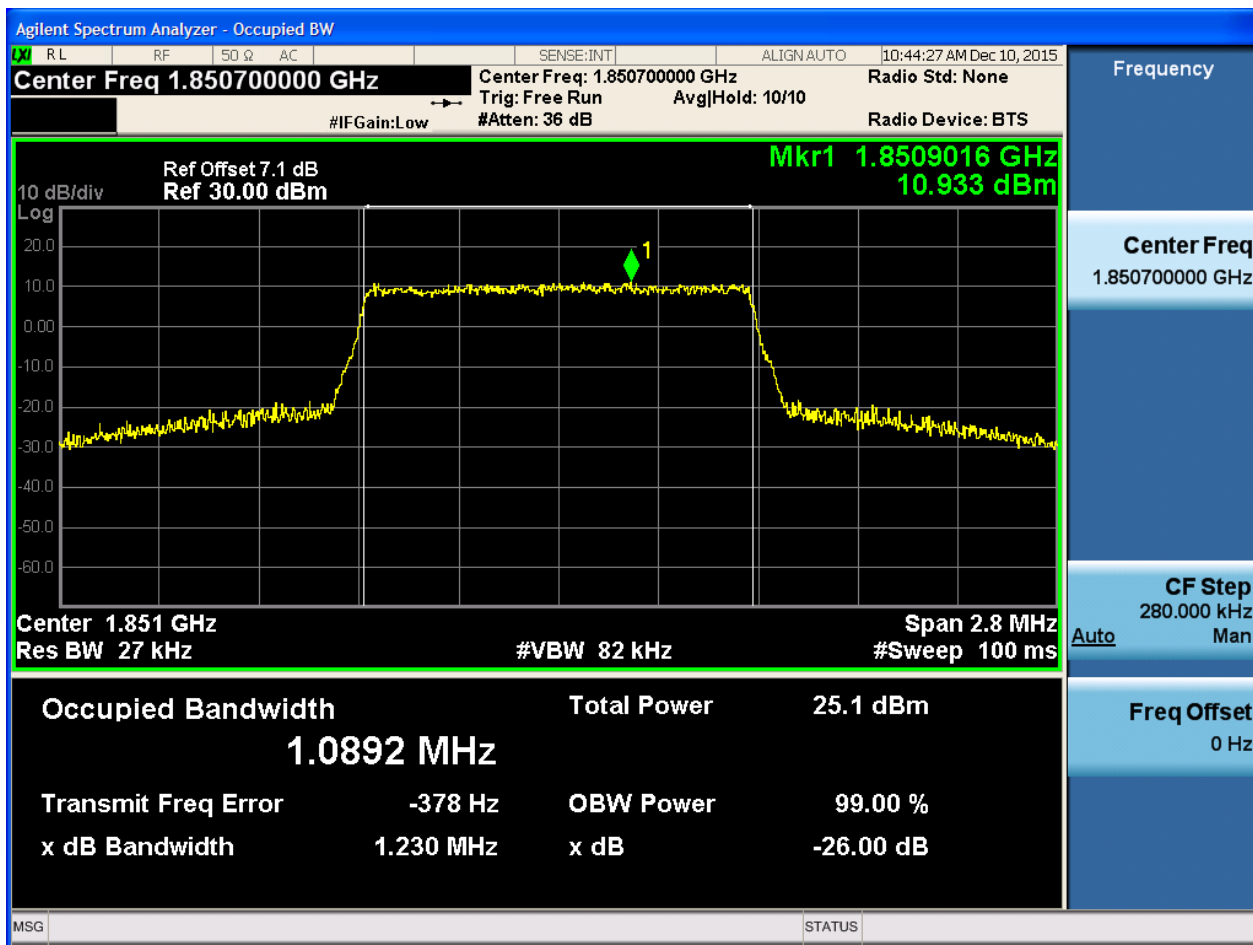


4.1.1.2 Test Mode = LTE/TM2

4.1.1.2.1 Test Bandwidth = 1.4

4.1.1.2.1.1 Test Channel = LCH

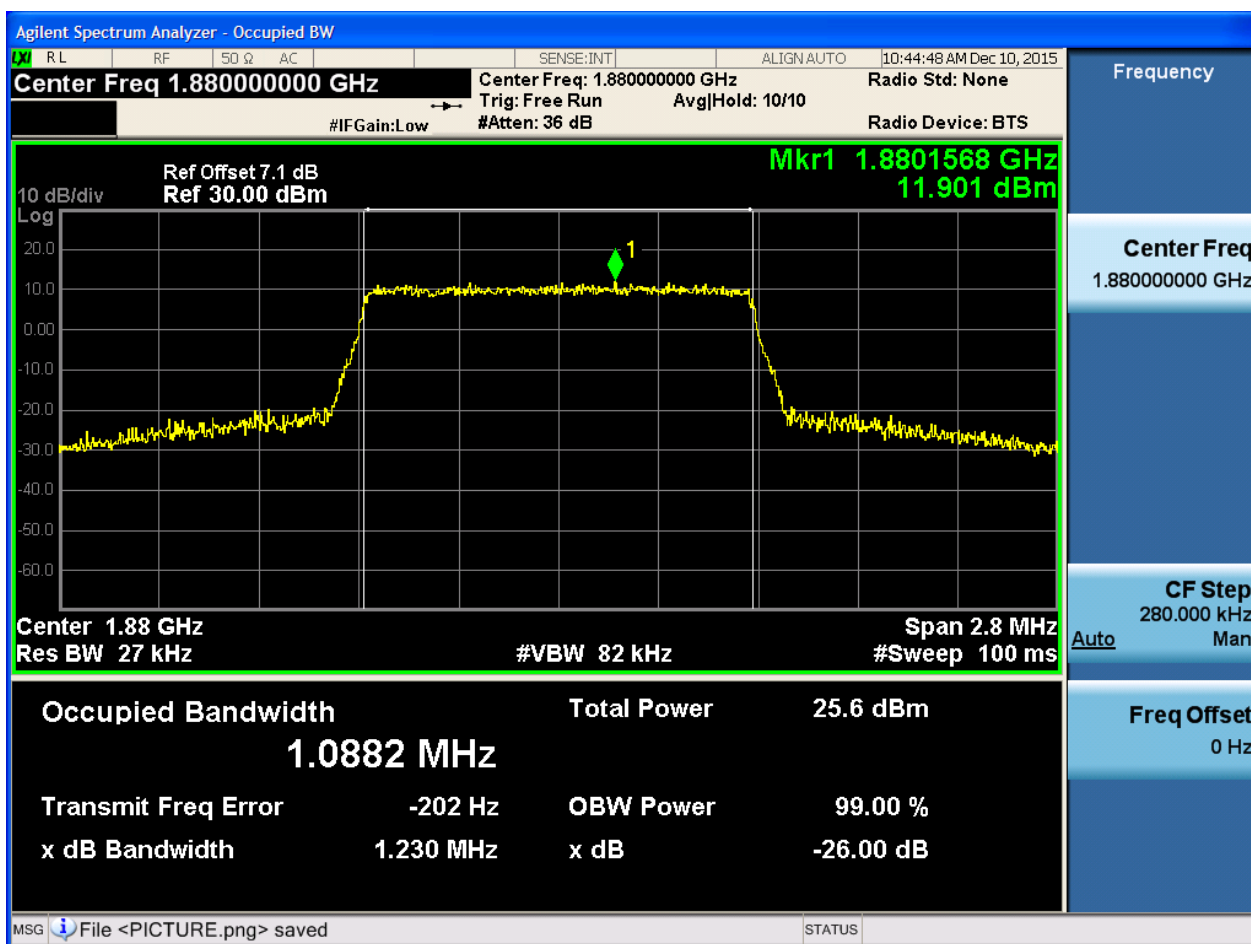
4.1.1.2.1.1.1 Test RB = RB6#0





4.1.1.2.1.2 Test Channel = MCH

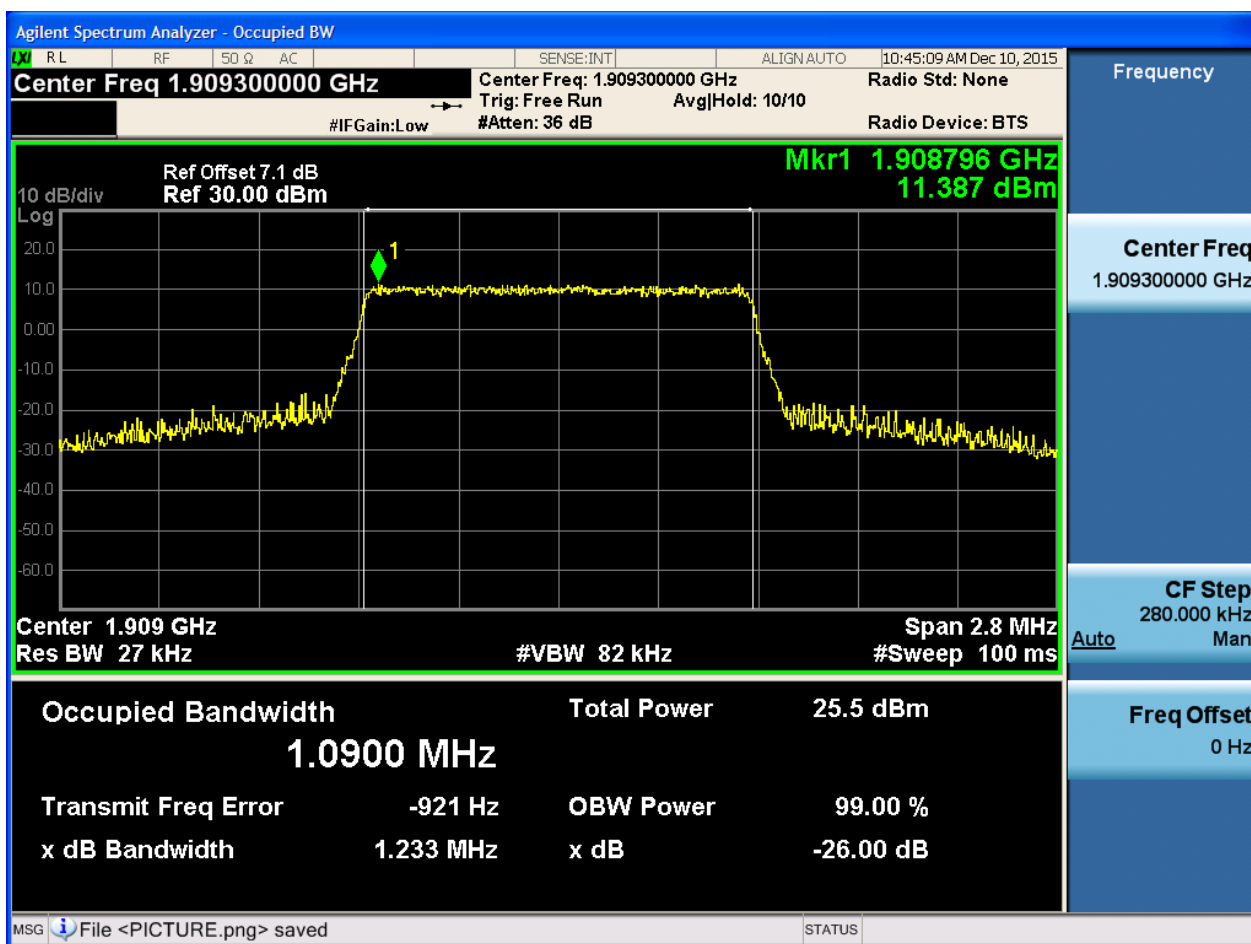
4.1.1.2.1.2.1 Test RB = RB6#0





4.1.1.2.1.3 Test Channel = HCH

4.1.1.2.1.3.1 Test RB = RB6#0

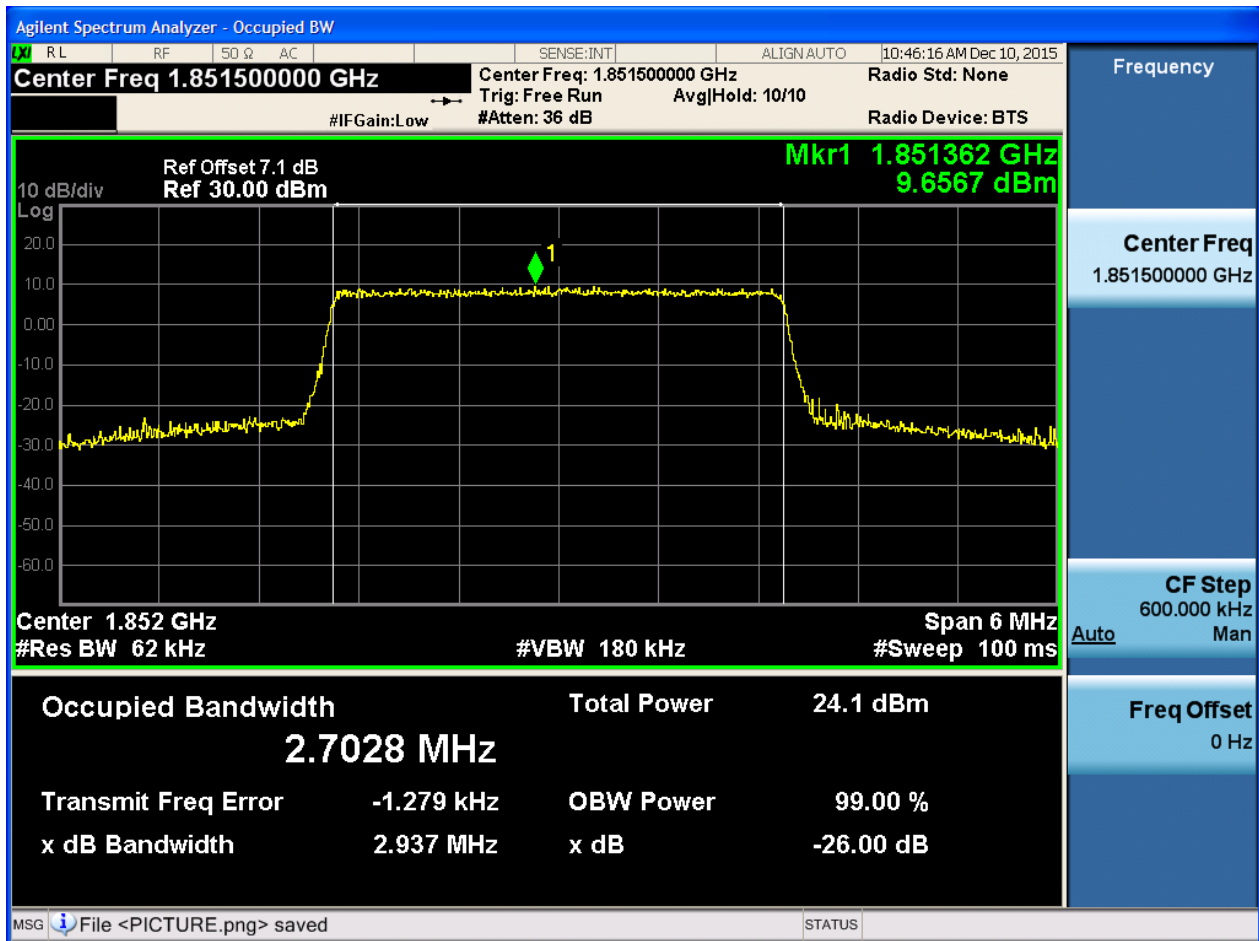




4.1.1.2.2 Test Bandwidth = 3

4.1.1.2.2.1 Test Channel = LCH

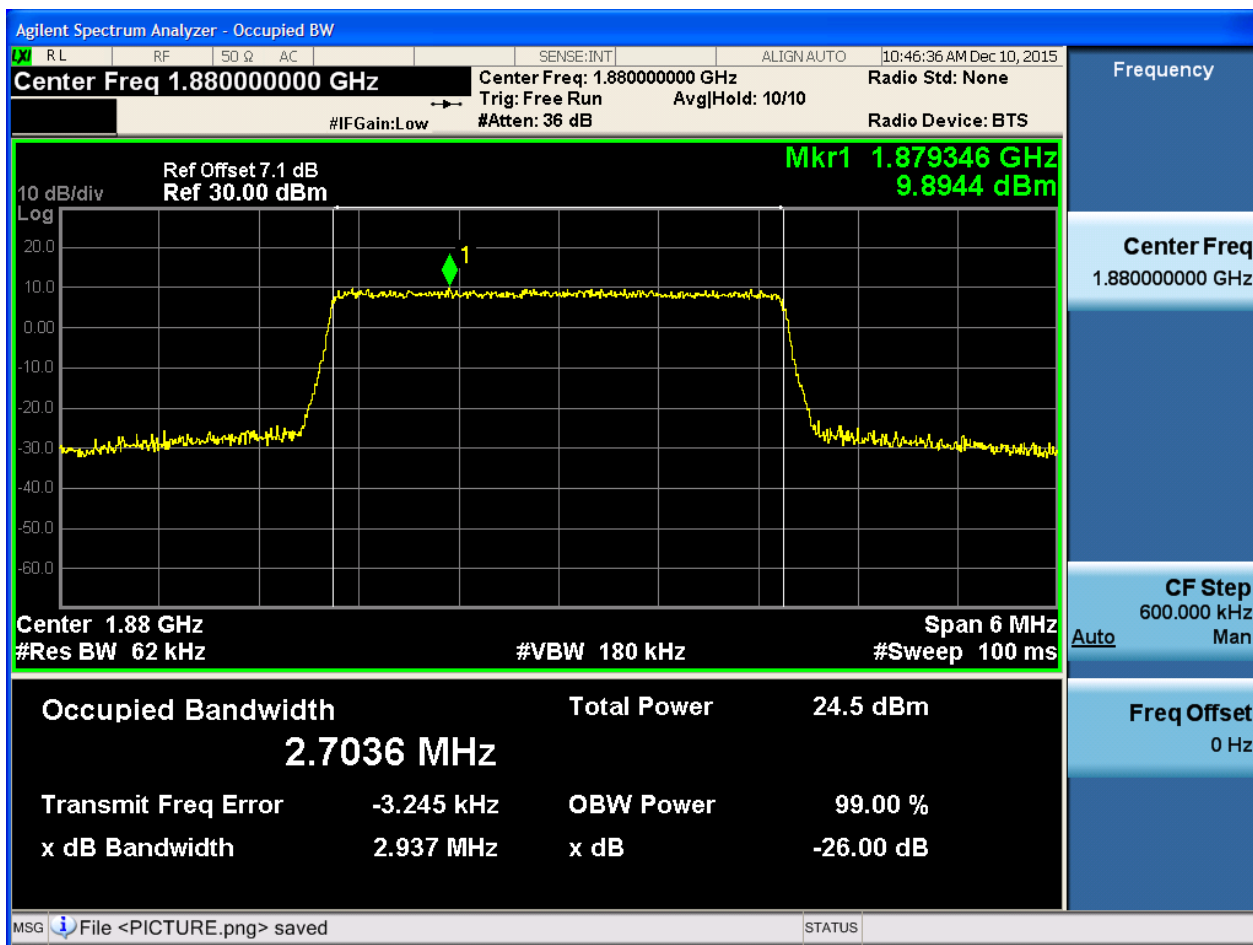
4.1.1.2.2.1.1 Test RB = RB15#0





4.1.1.2.2.2 Test Channel = MCH

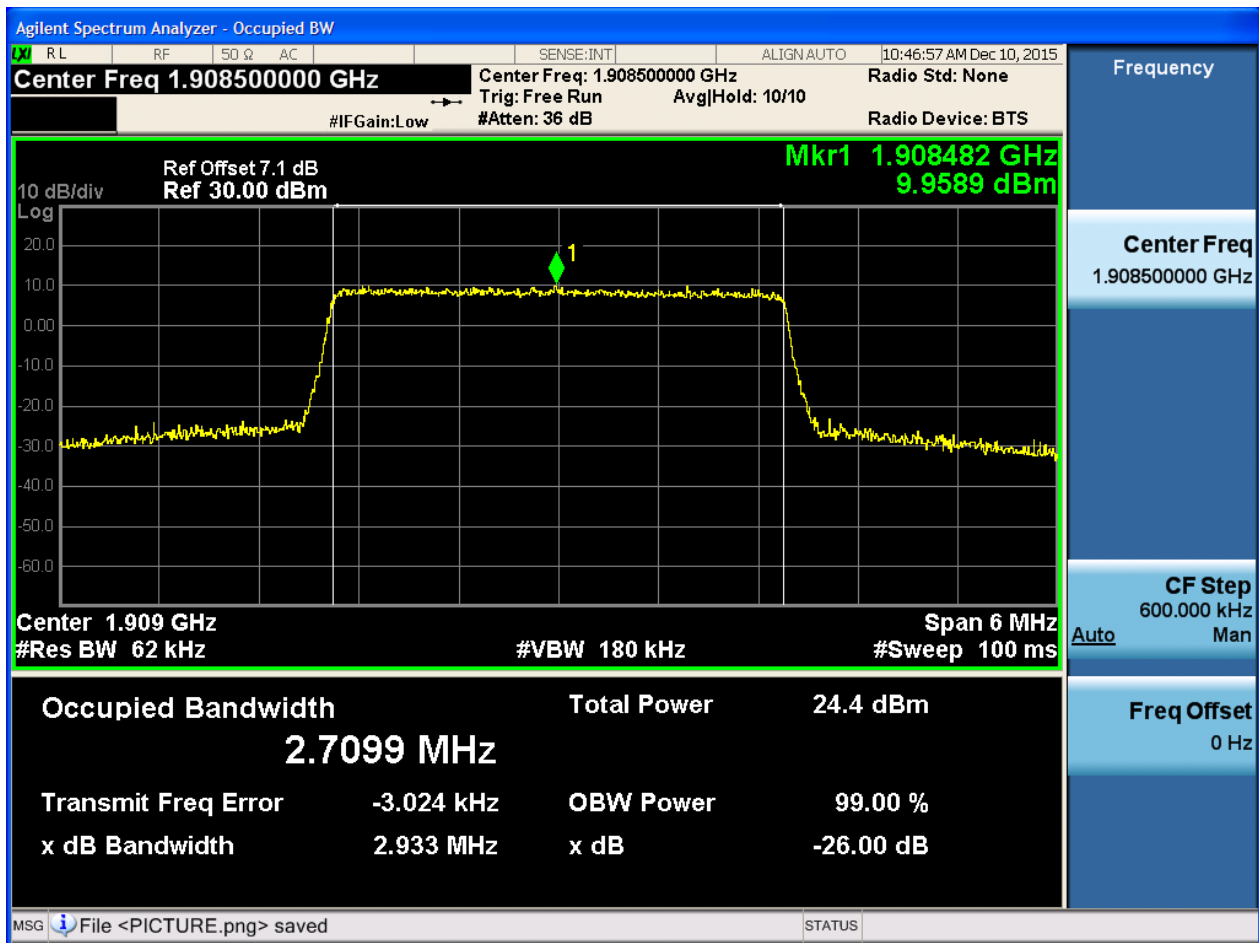
4.1.1.2.2.2.1 Test RB = RB15#0





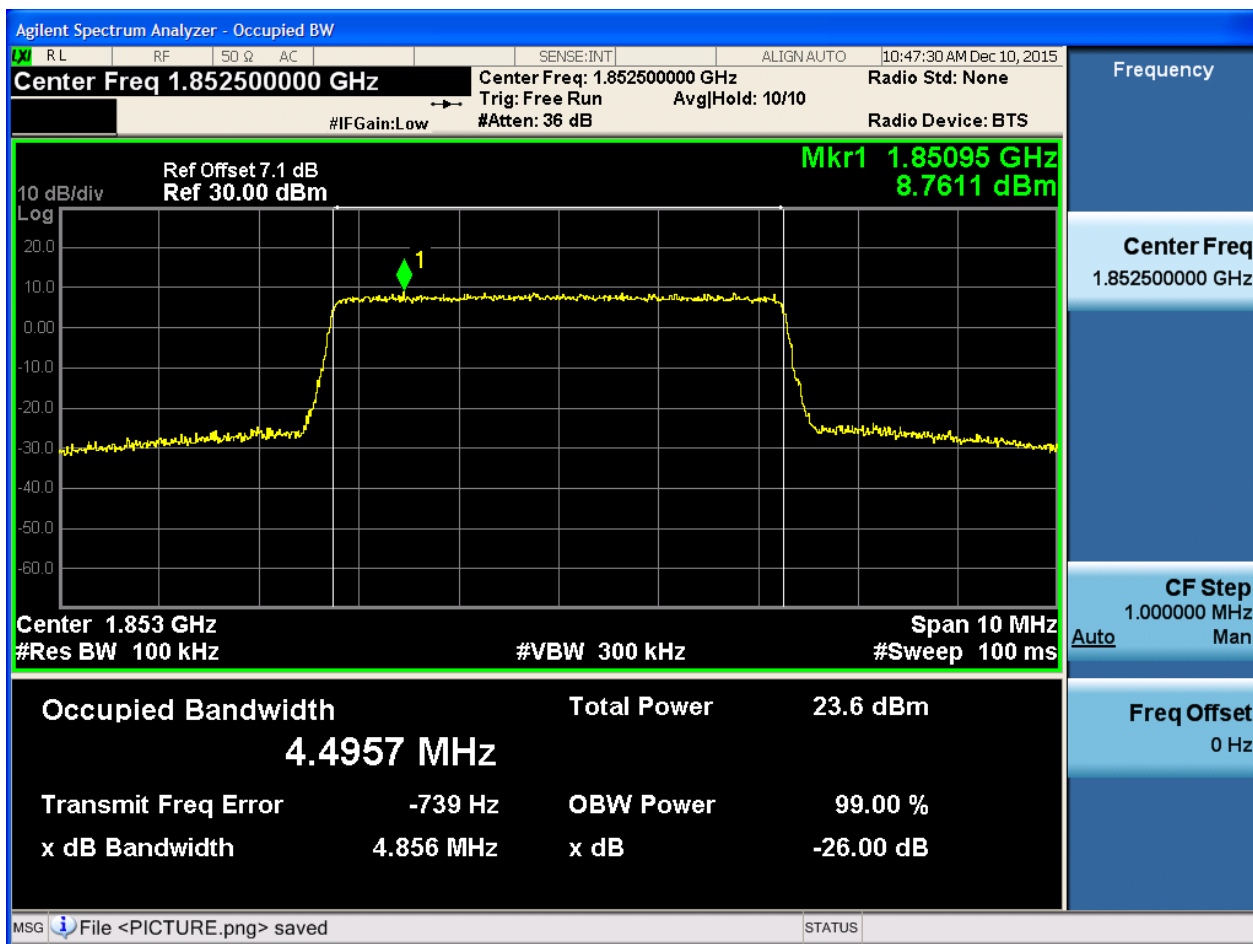
4.1.1.2.2.3 Test Channel = HCH

4.1.1.2.2.3.1 Test RB = RB15#0





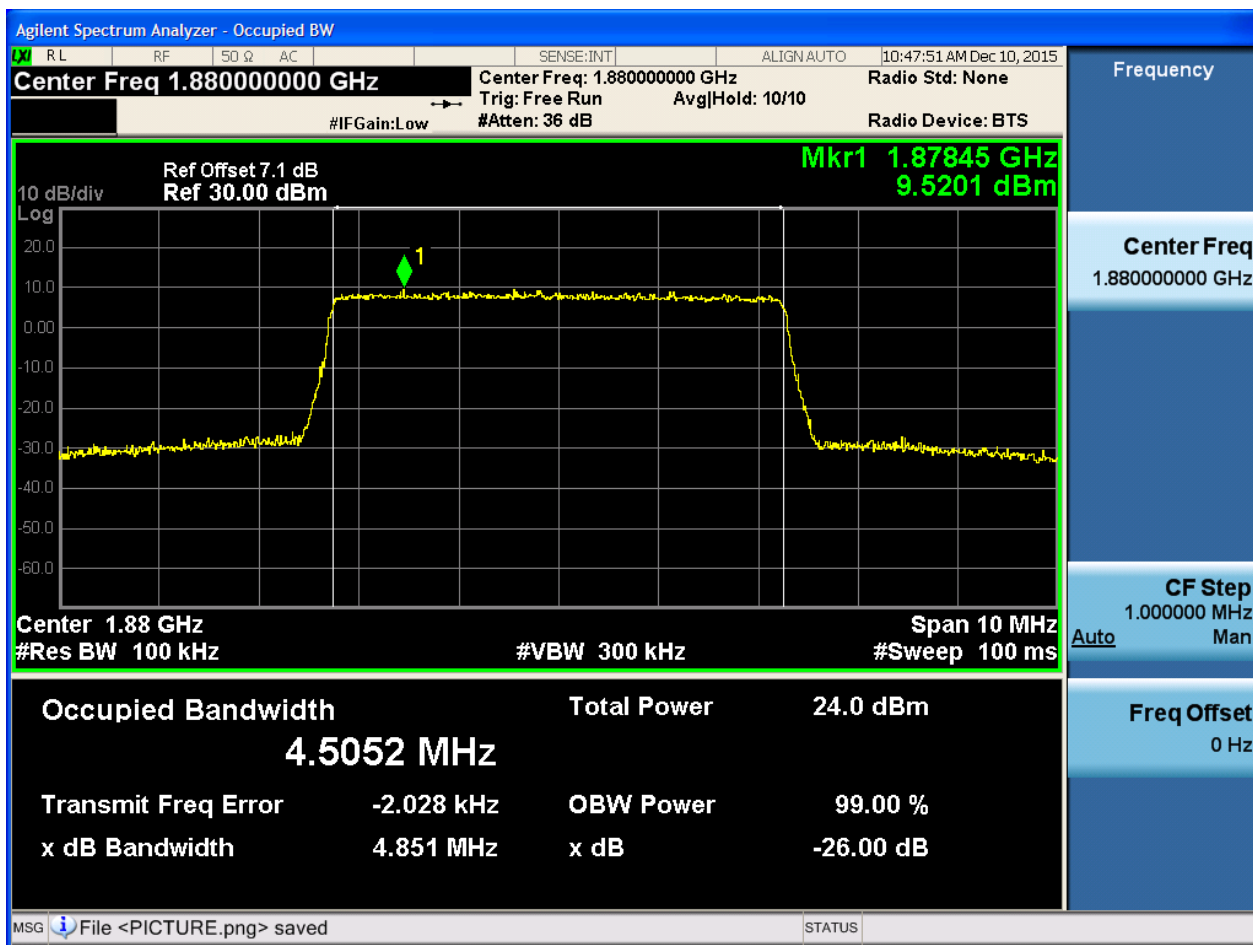
4.1.1.2.3.1.1 Test RB = RB25#0





4.1.1.2.3.2 Test Channel = MCH

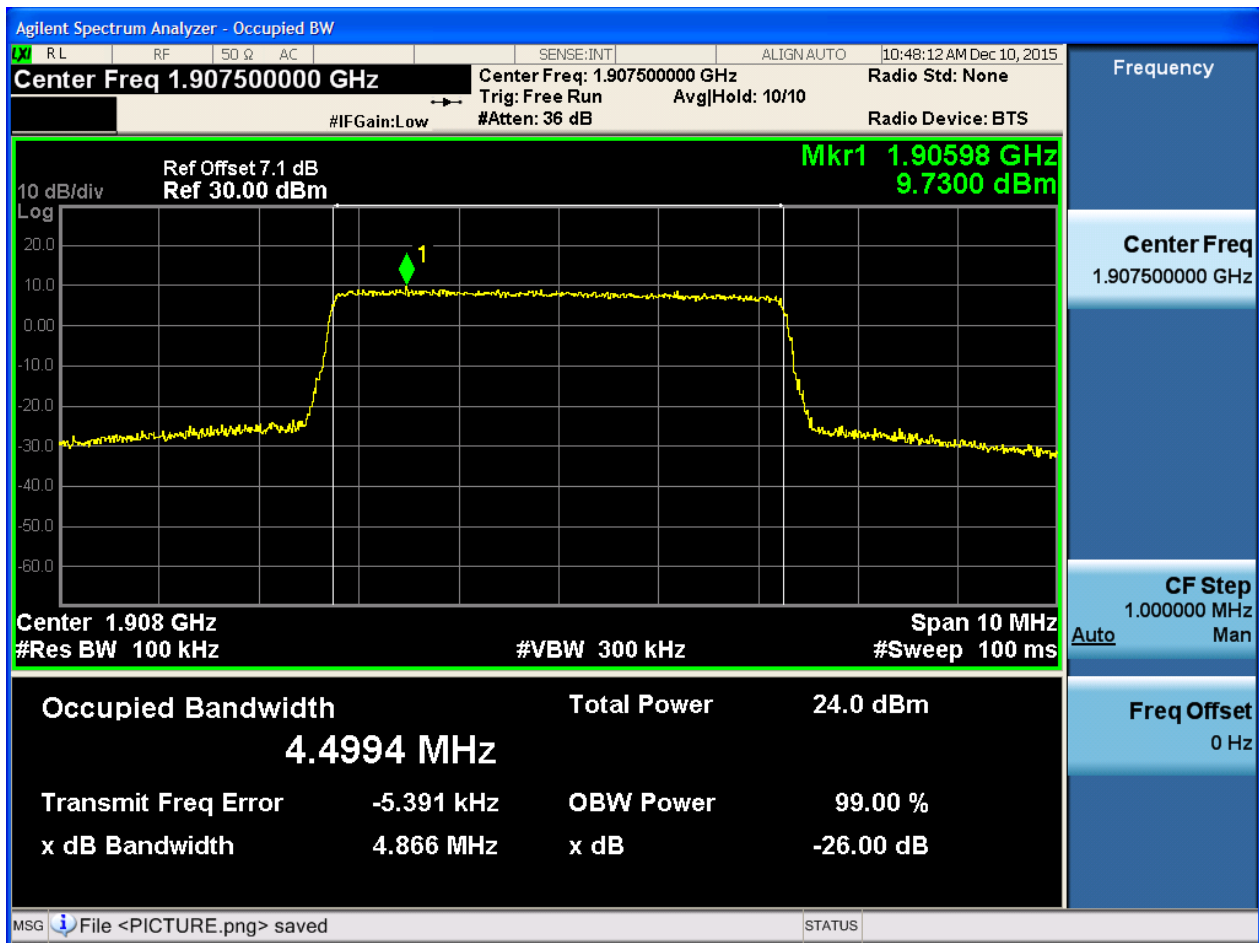
4.1.1.2.3.2.1 Test RB = RB25#0





4.1.1.2.3.3 Test Channel = HCH

4.1.1.2.3.3.1 Test RB = RB25#0

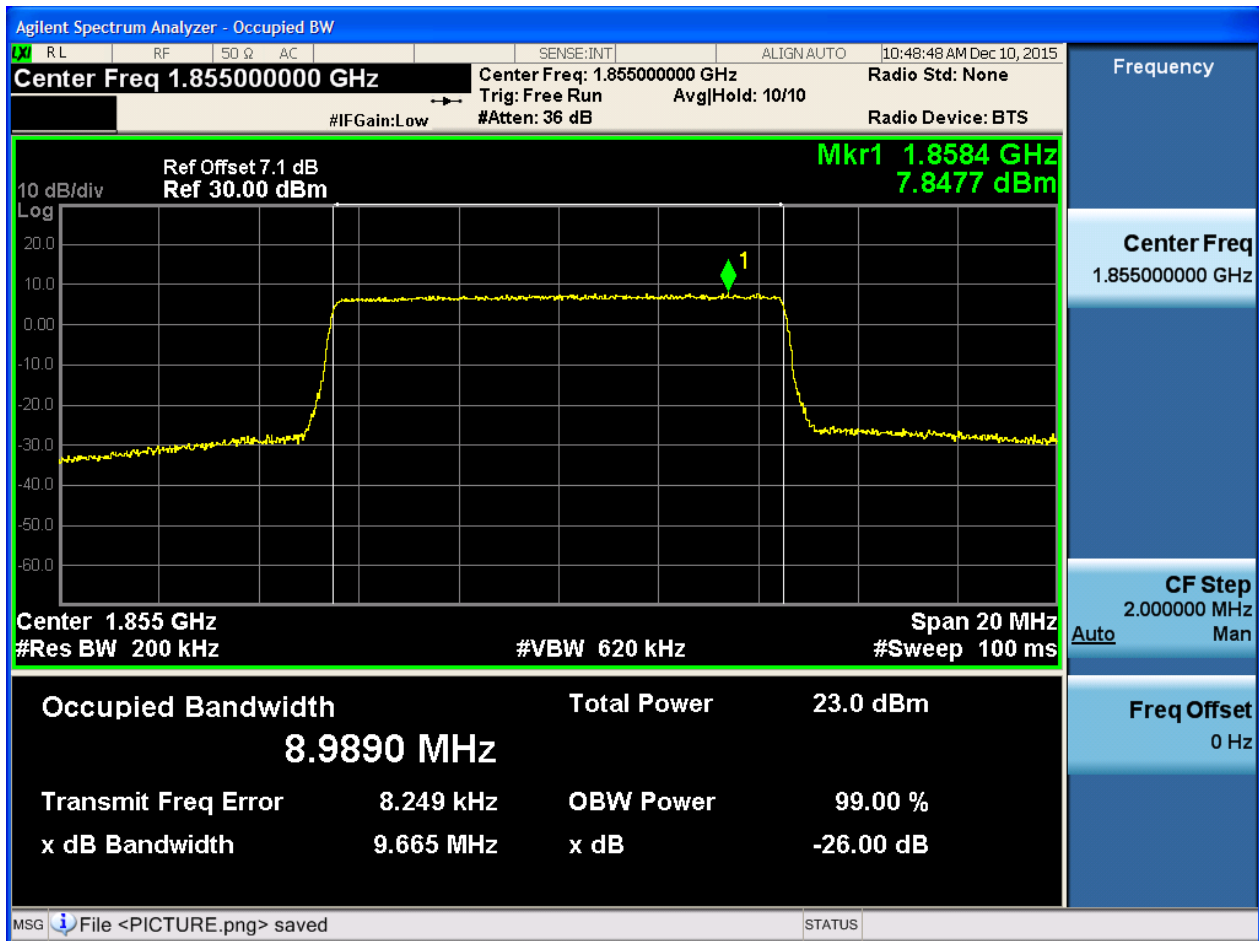




4.1.1.2.4 Test Bandwidth = 10

4.1.1.2.4.1 Test Channel = LCH

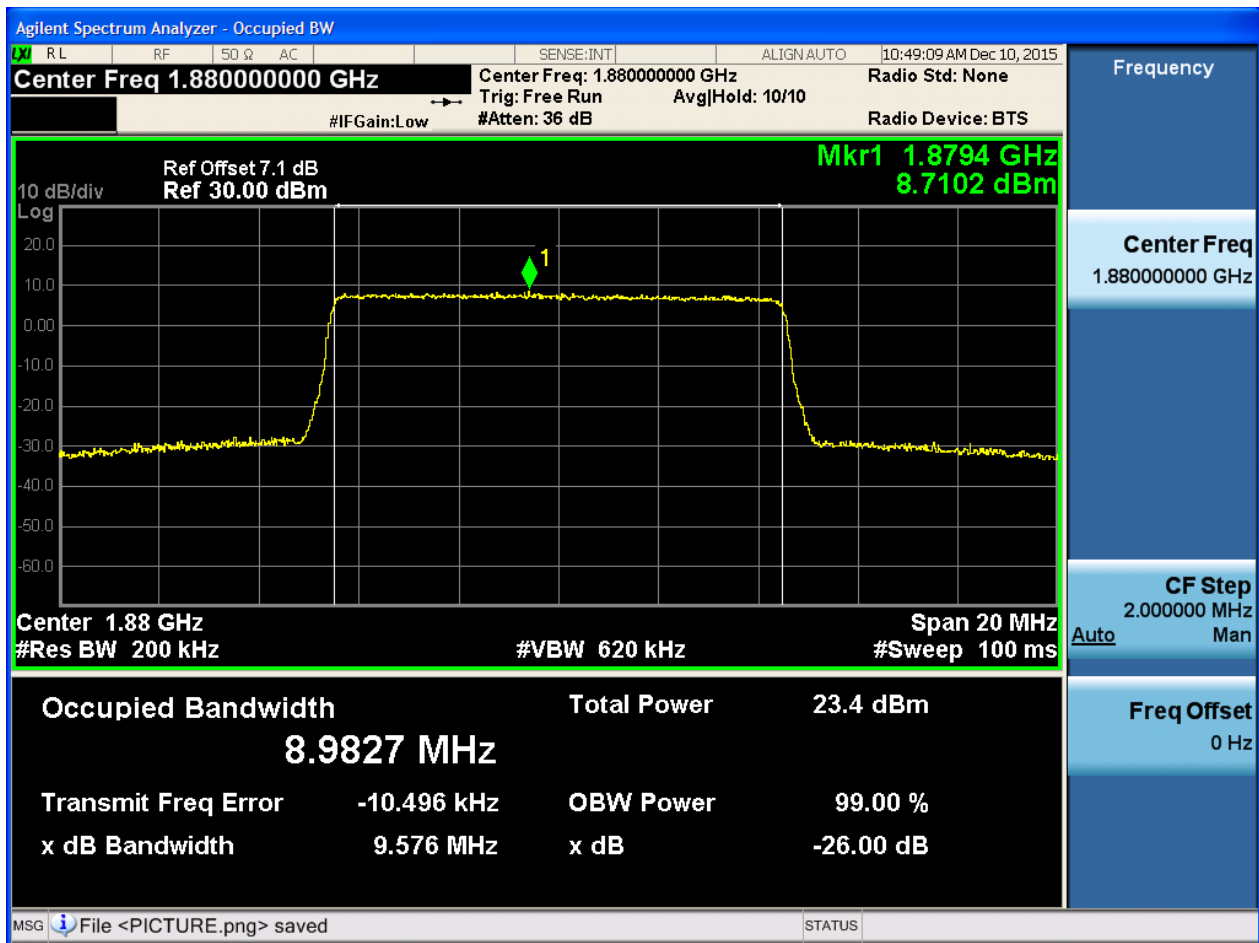
4.1.1.2.4.1.1 Test RB = RB50#0





4.1.1.2.4.2 Test Channel = MCH

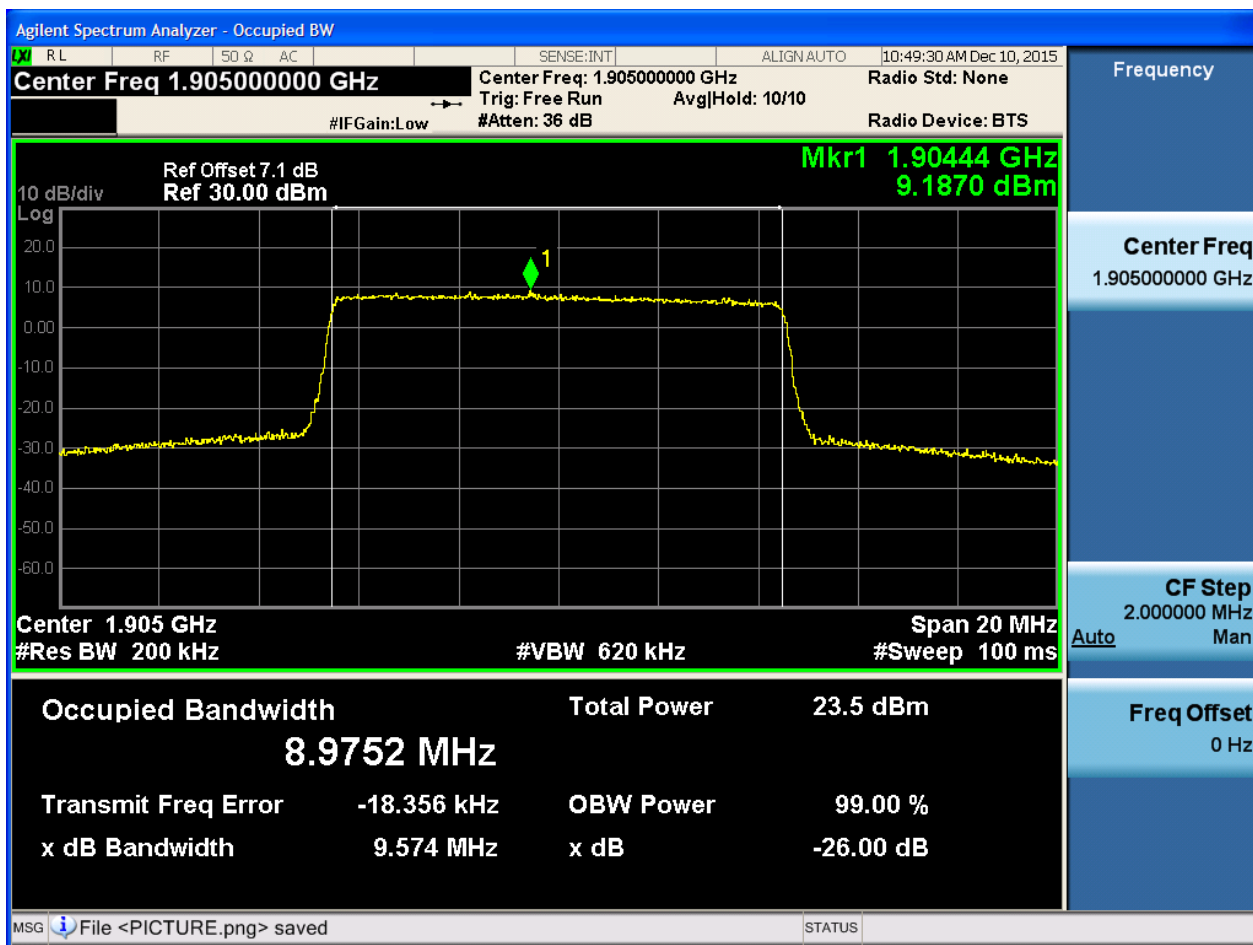
4.1.1.2.4.2.1 Test RB = RB50#0





4.1.1.2.4.3 Test Channel = HCH

4.1.1.2.4.3.1 Test RB = RB50#0

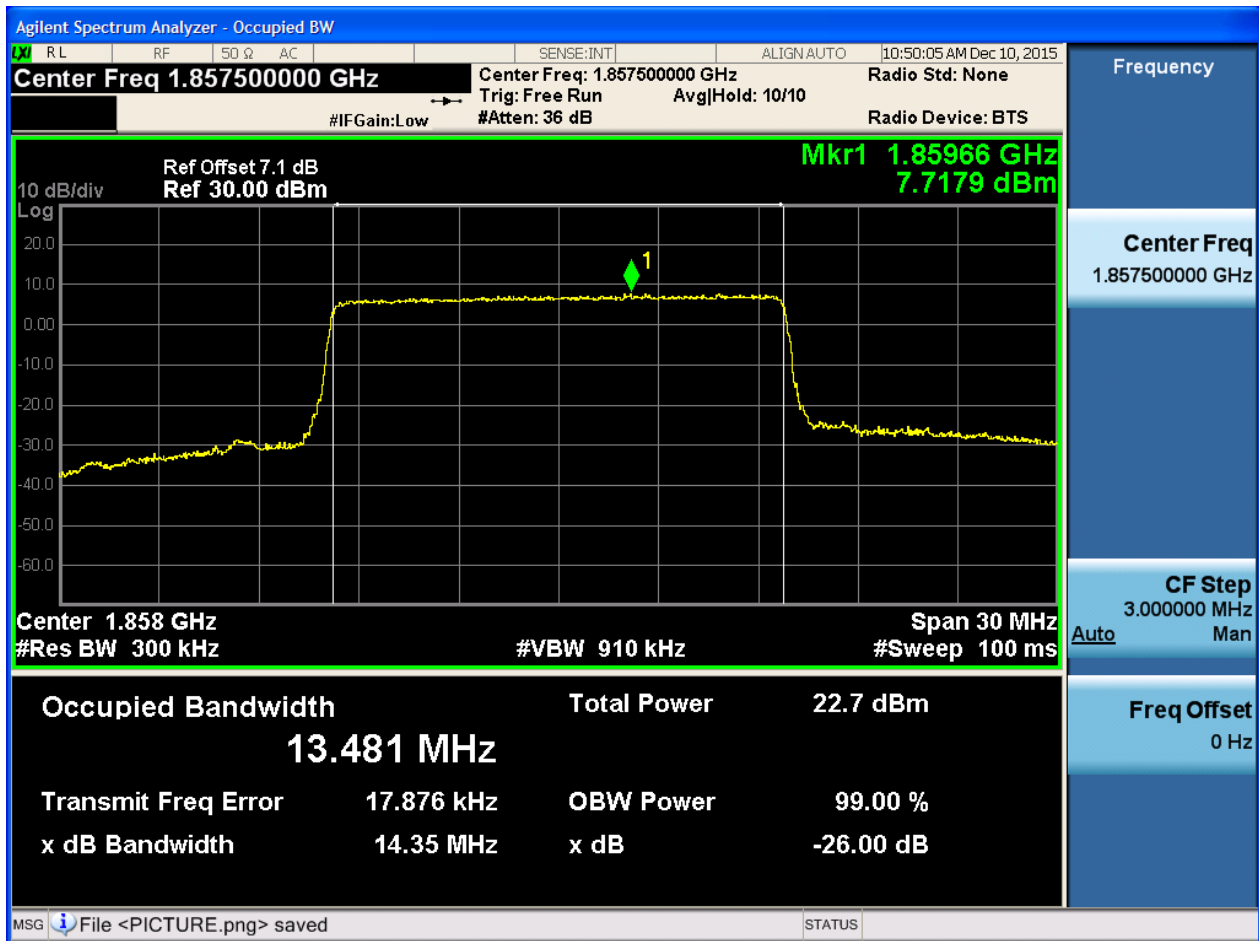




4.1.1.2.5 Test Bandwidth = 15

4.1.1.2.5.1 Test Channel = LCH

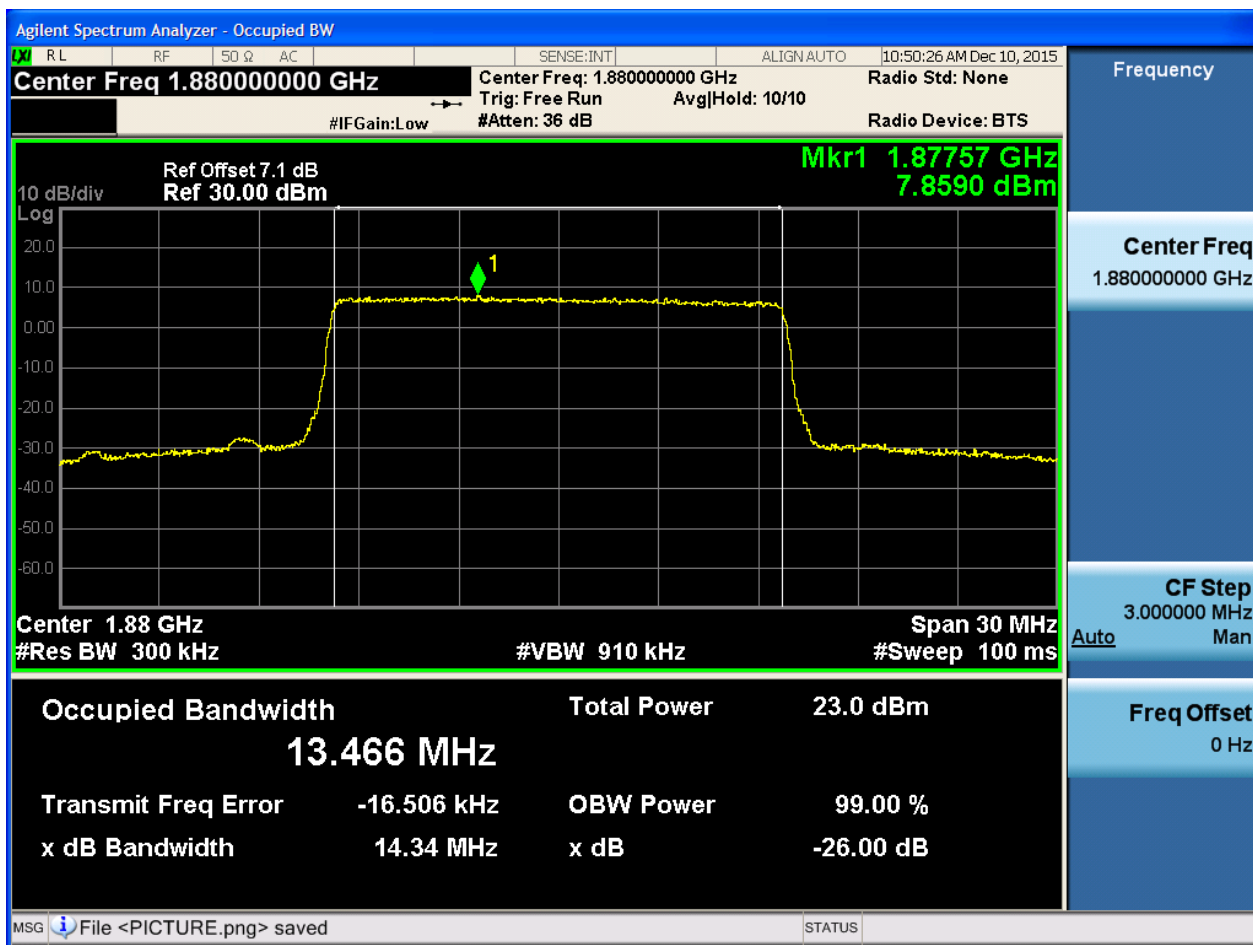
4.1.1.2.5.1.1 Test RB = RB75#0





4.1.1.2.5.2 Test Channel = MCH

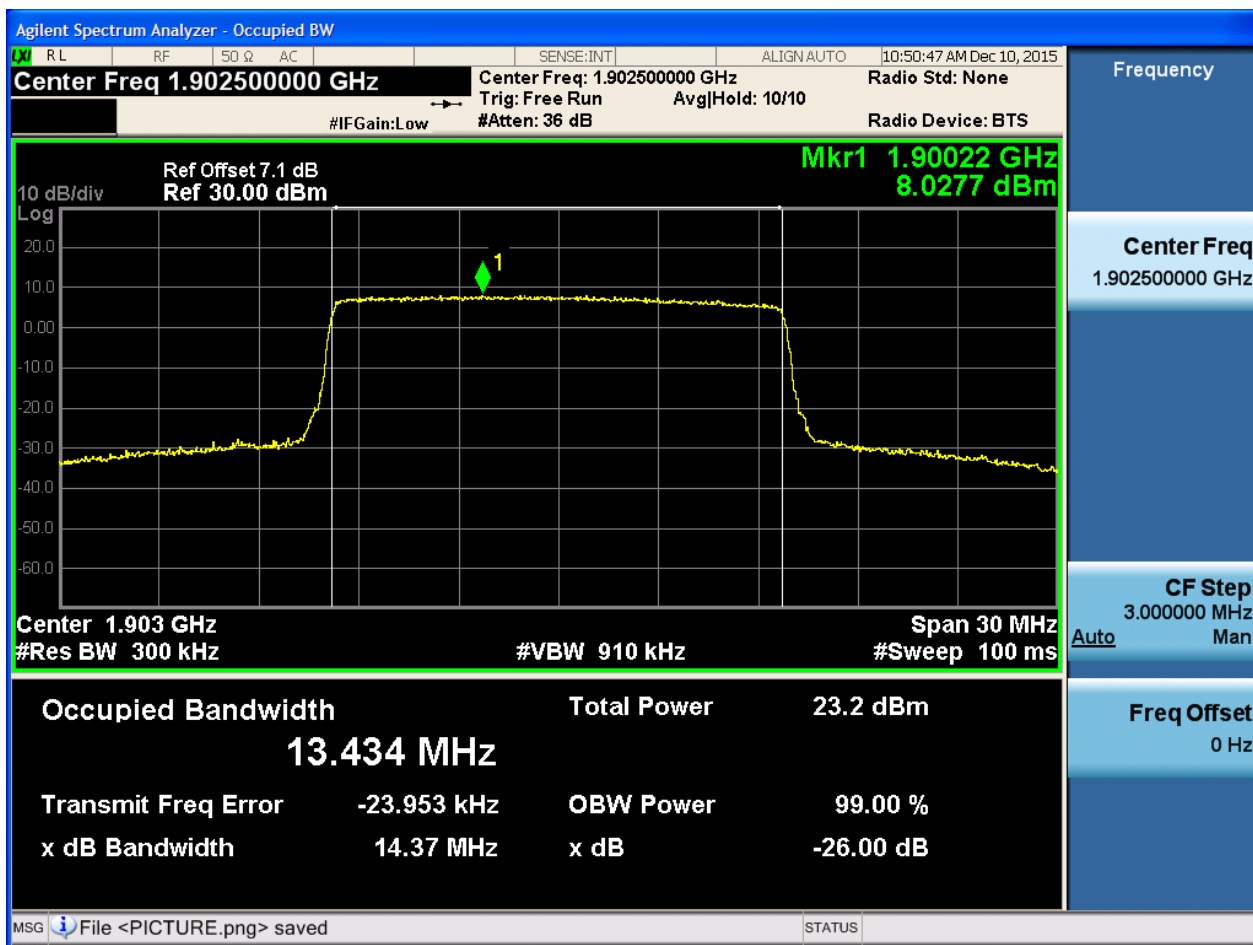
4.1.1.2.5.2.1 Test RB = RB75#0





4.1.1.2.5.3 Test Channel = HCH

4.1.1.2.5.3.1 Test RB = RB75#0

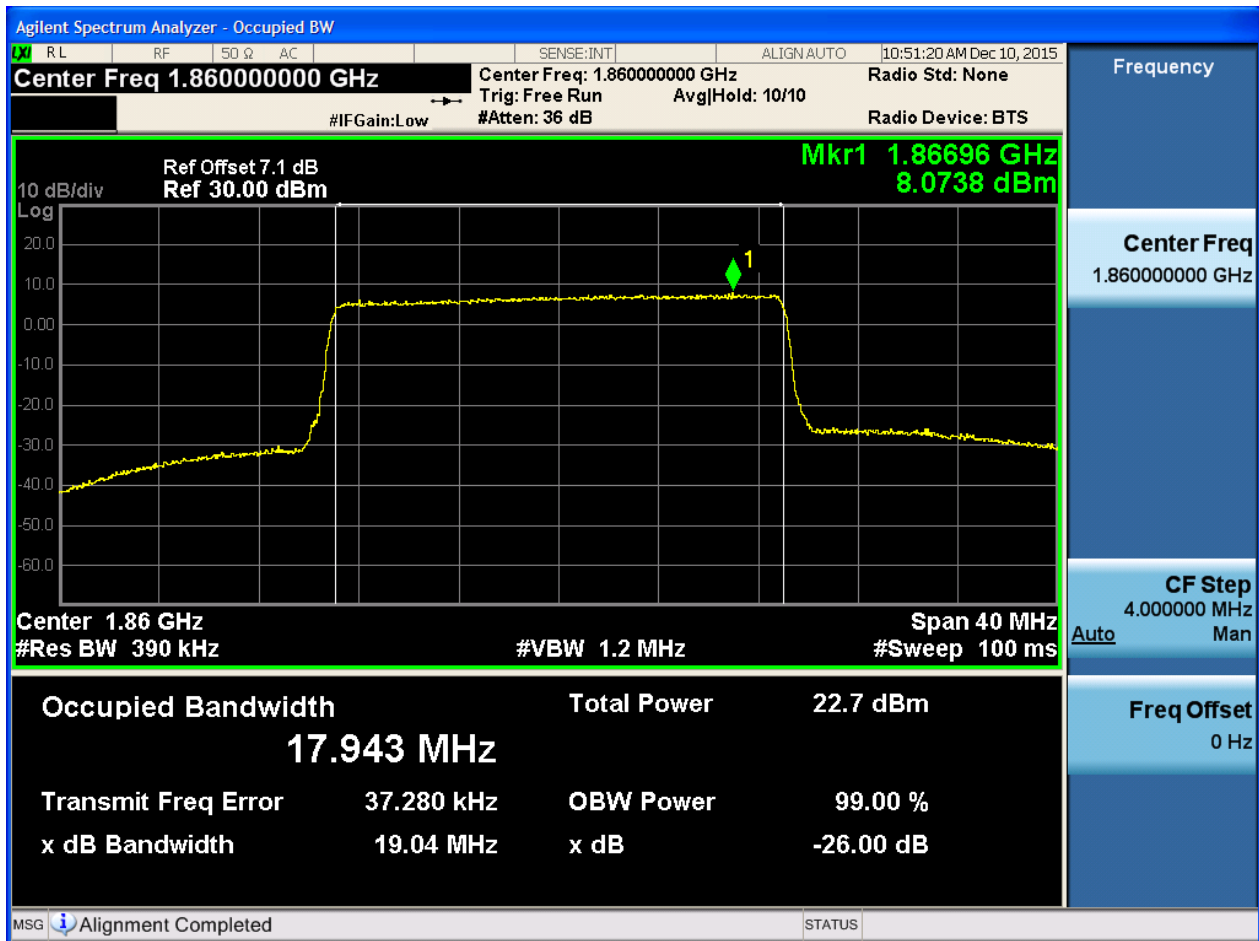




4.1.1.2.6 Test Bandwidth = 20

4.1.1.2.6.1 Test Channel = LCH

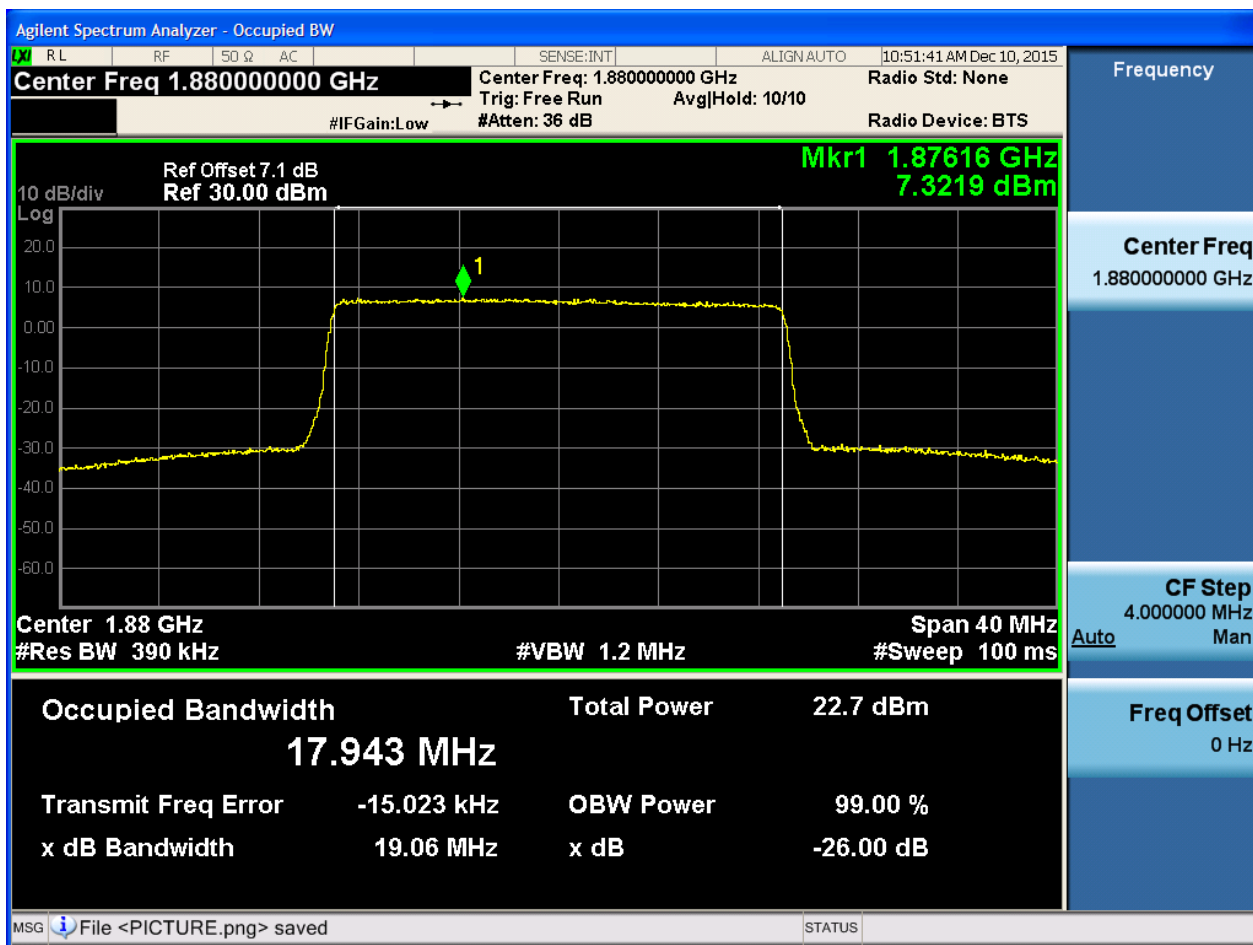
4.1.1.2.6.1.1 Test RB = RB100#0





4.1.1.2.6.2 Test Channel = MCH

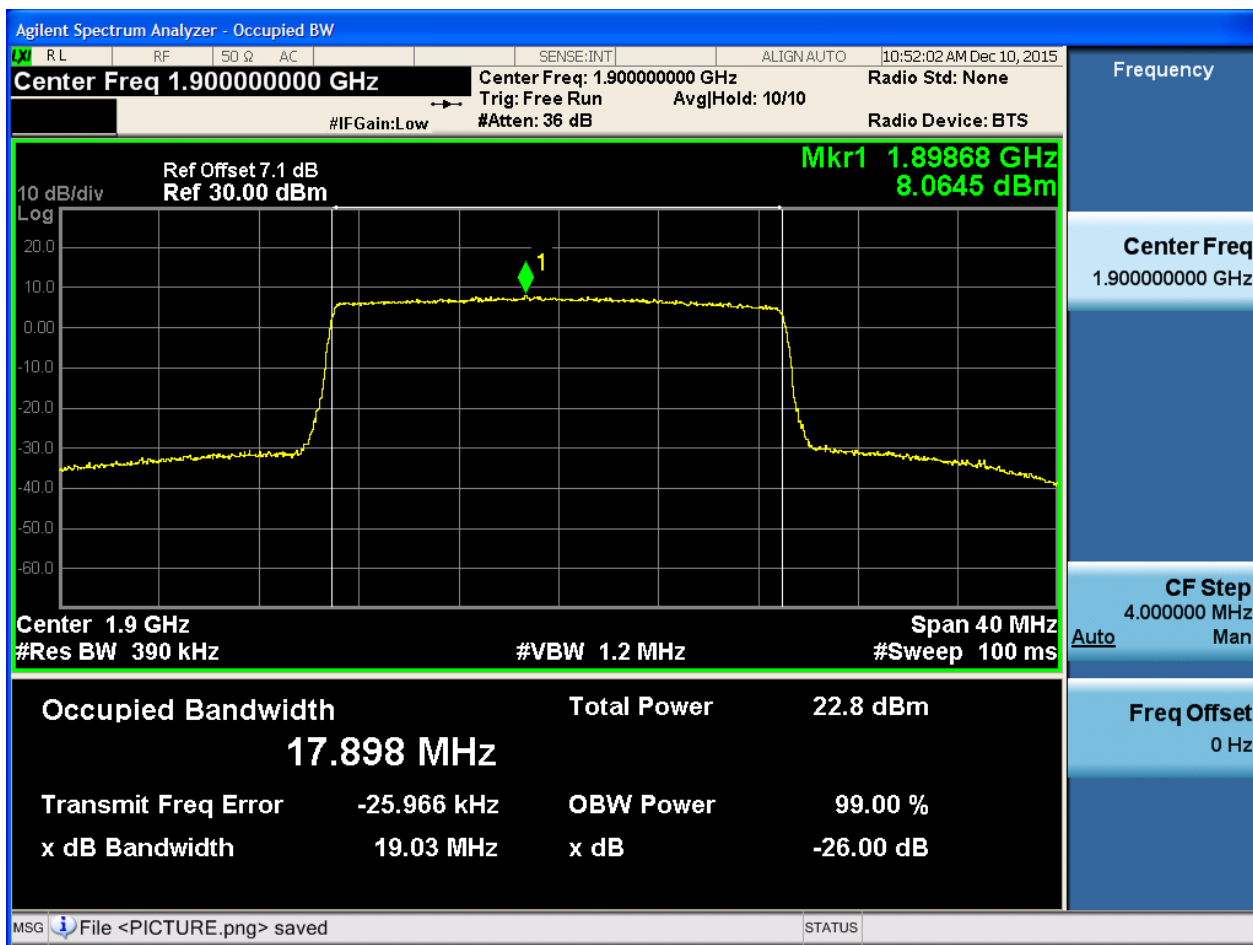
4.1.1.2.6.2.1 Test RB = RB100#0





4.1.1.2.6.3 Test Channel = HCH

4.1.1.2.6.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

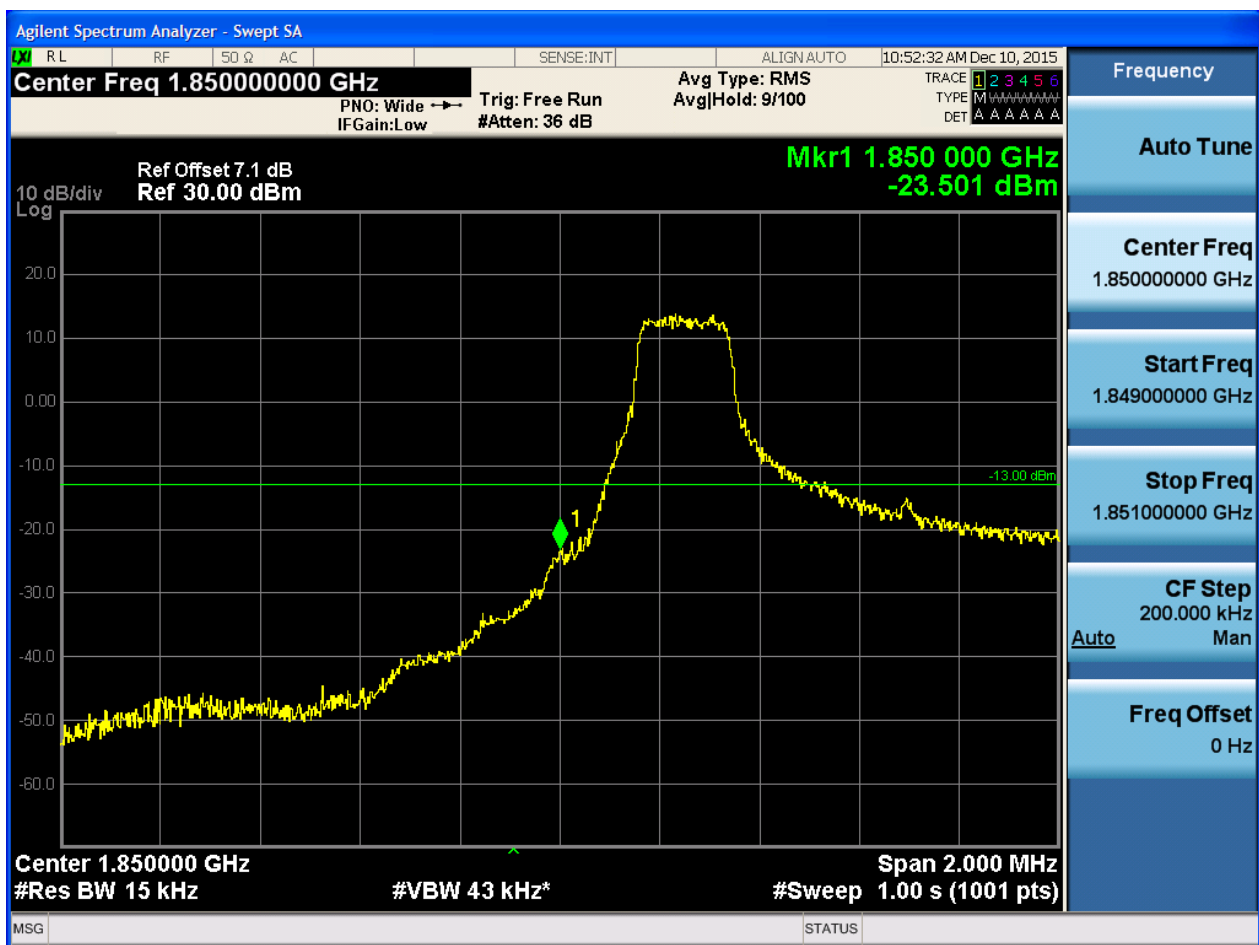
5.1.1 Test Band = BAND2

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

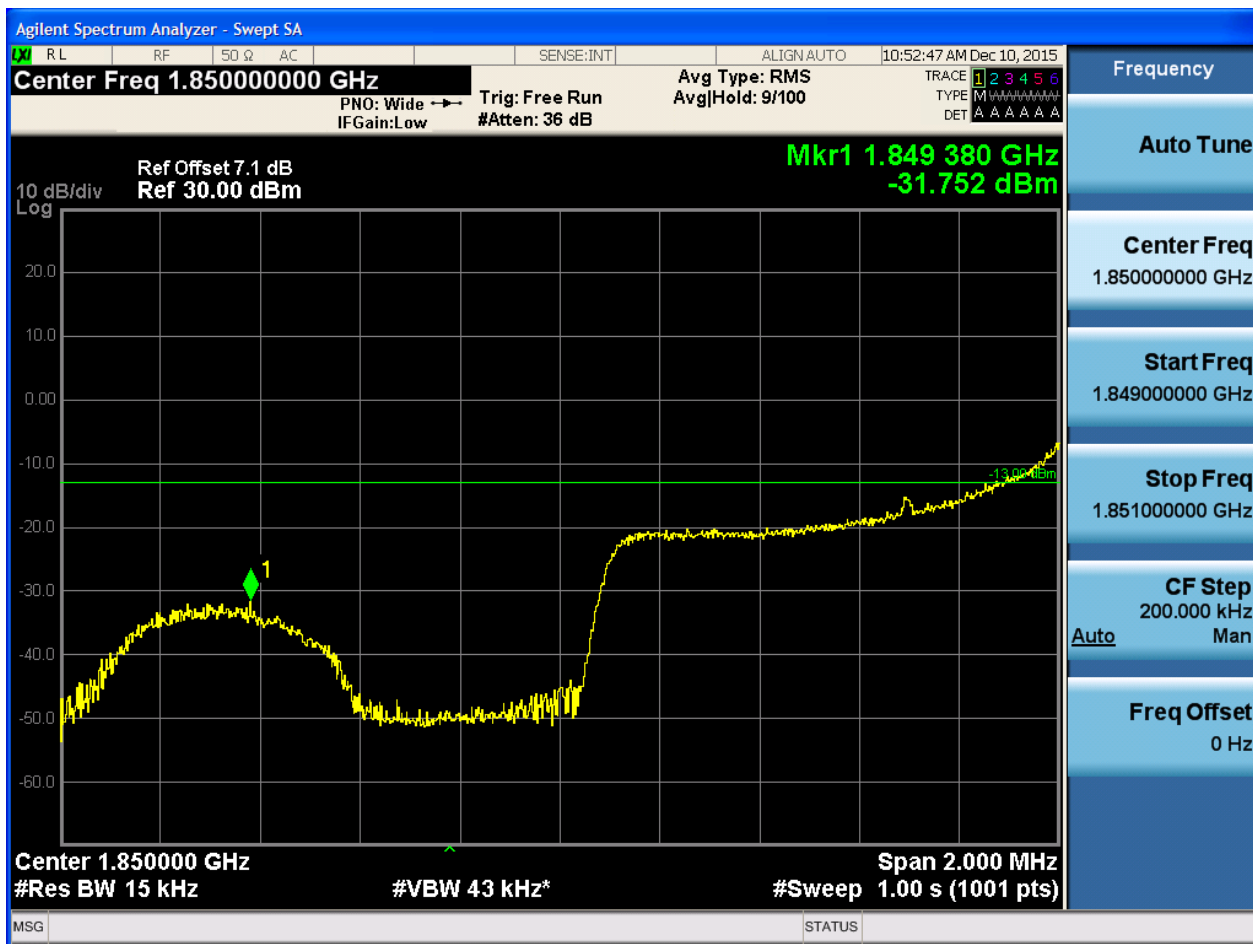
5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0



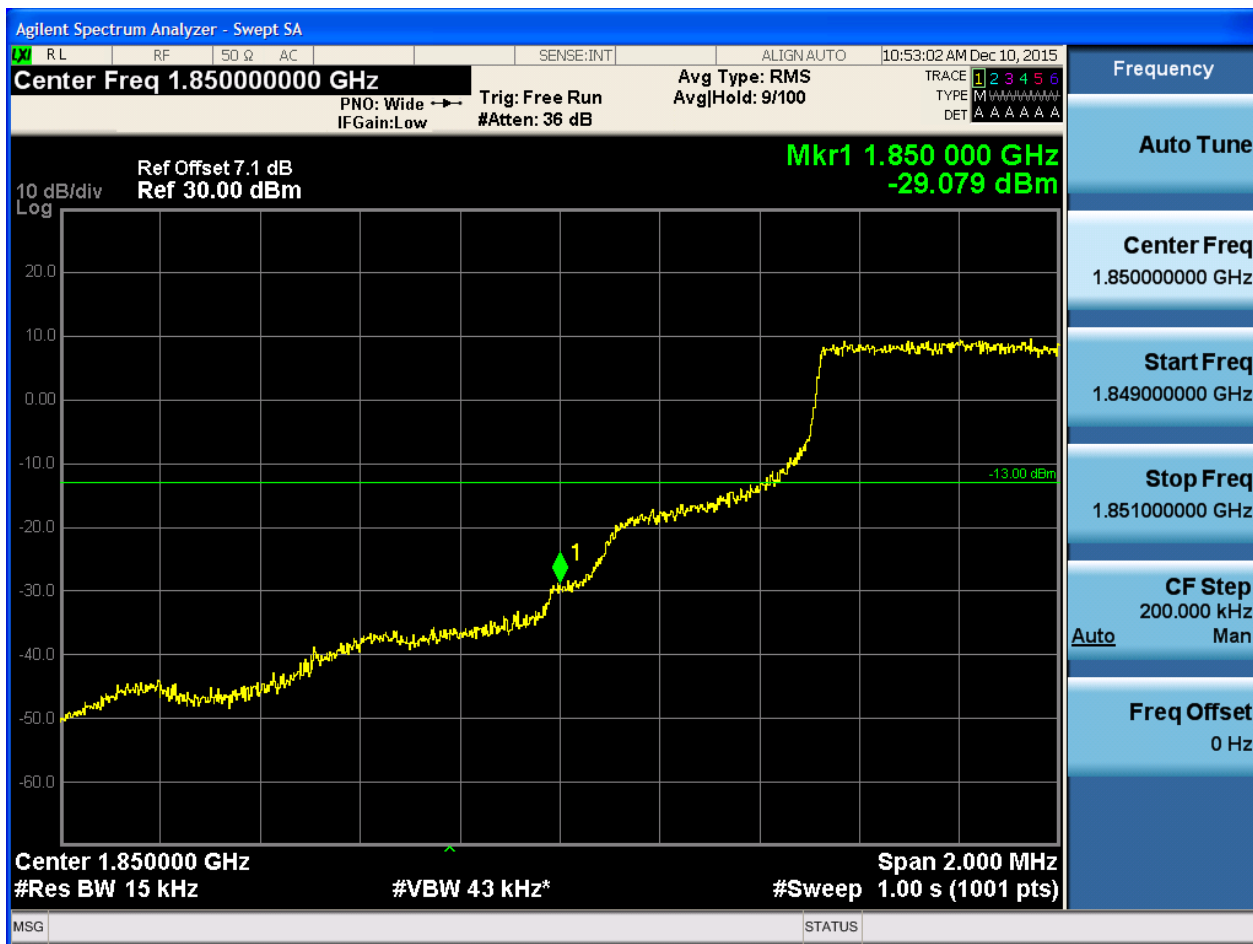


5.1.1.1.1.2 Test RB = RB1#5



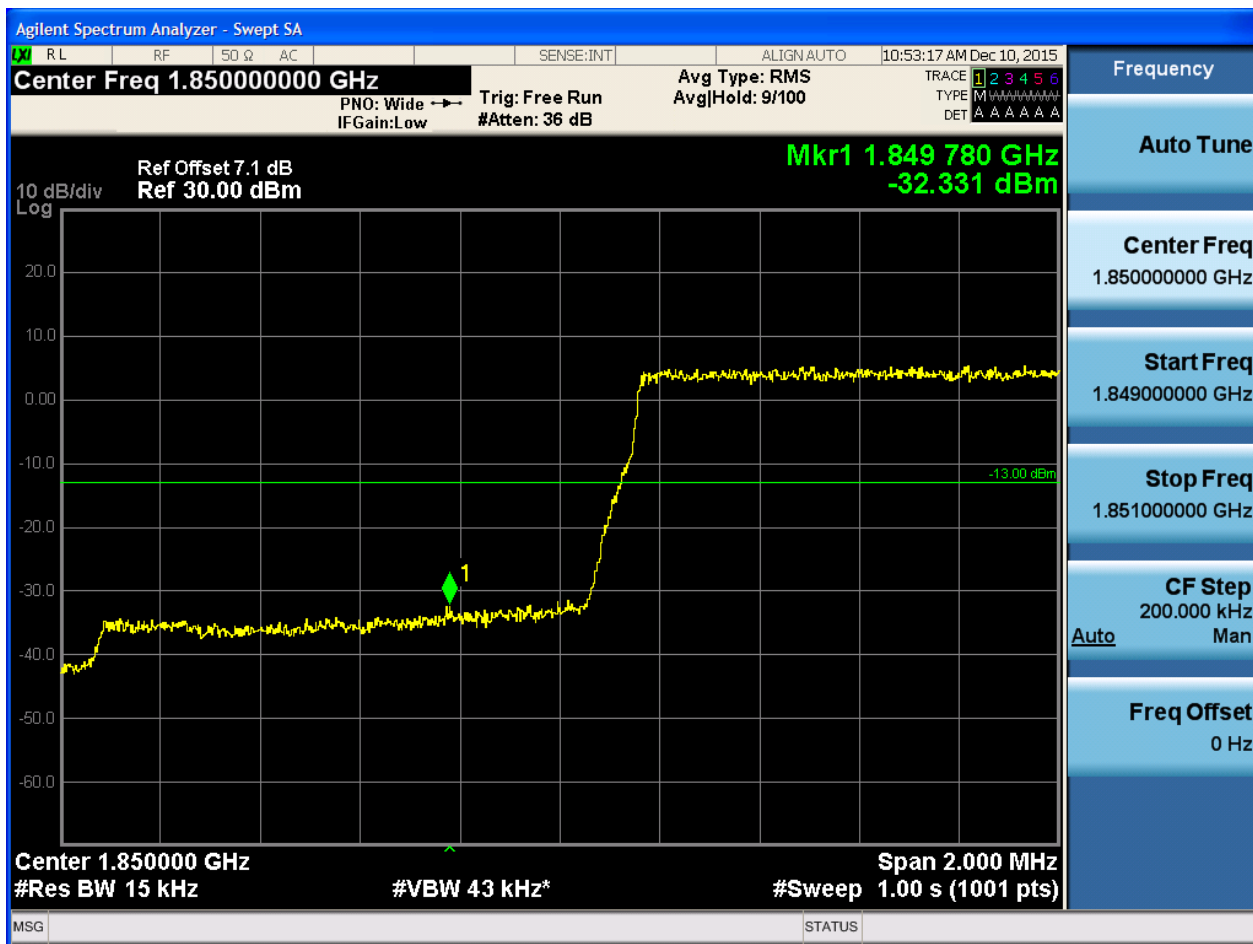


5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





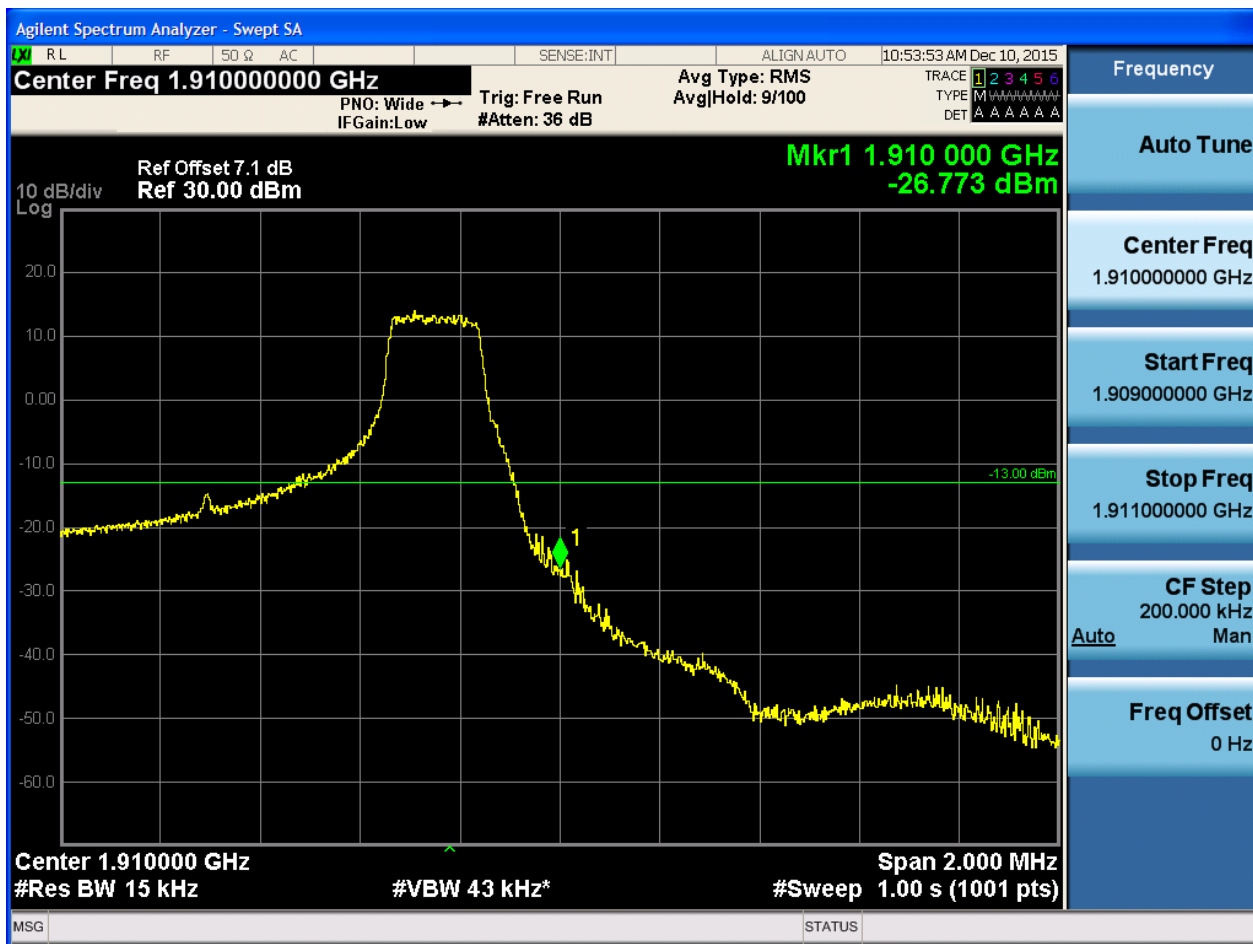
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





5.1.1.1.2.4 Test RB = RB6#0

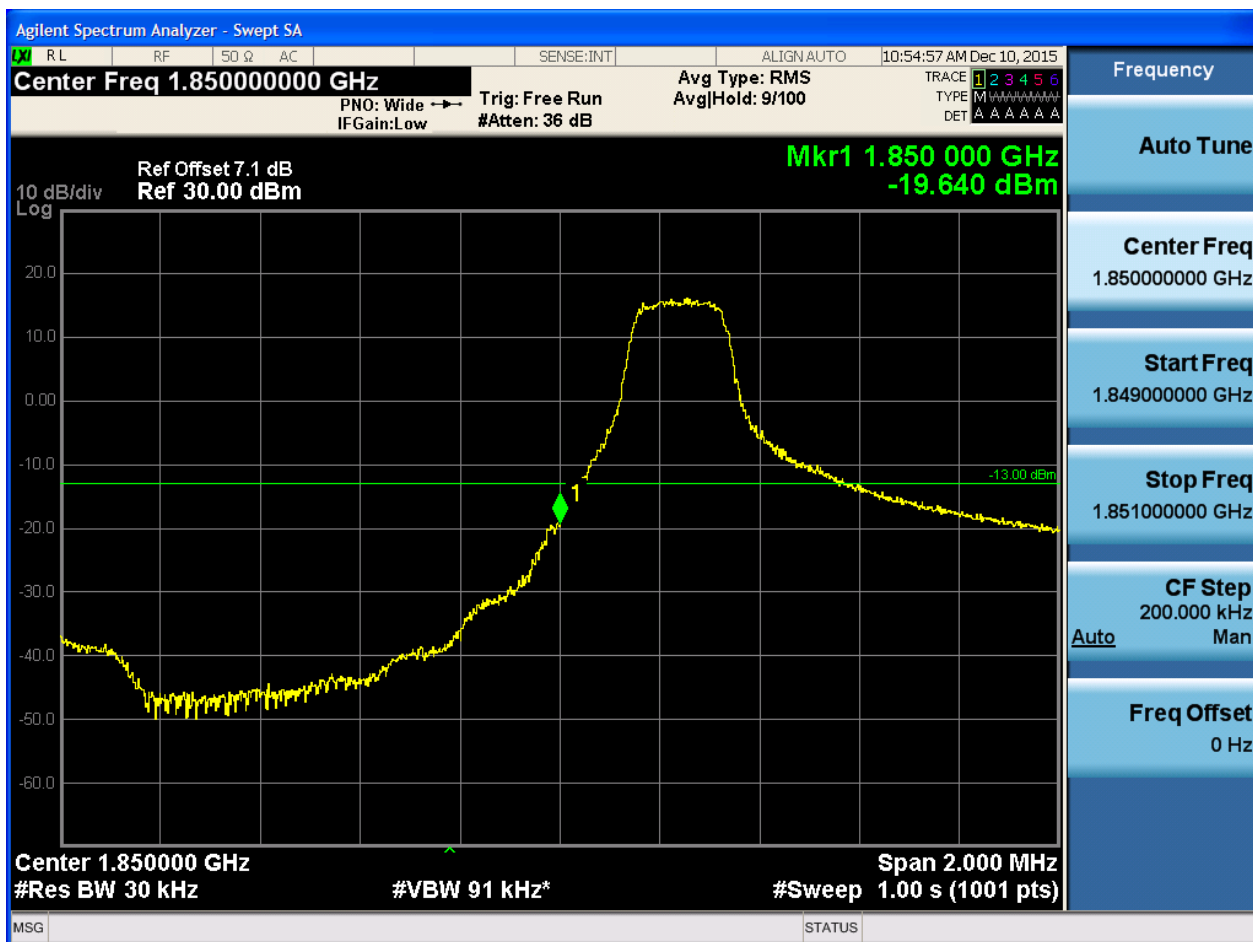




5.1.1.1.2 Test Bandwidth = 3

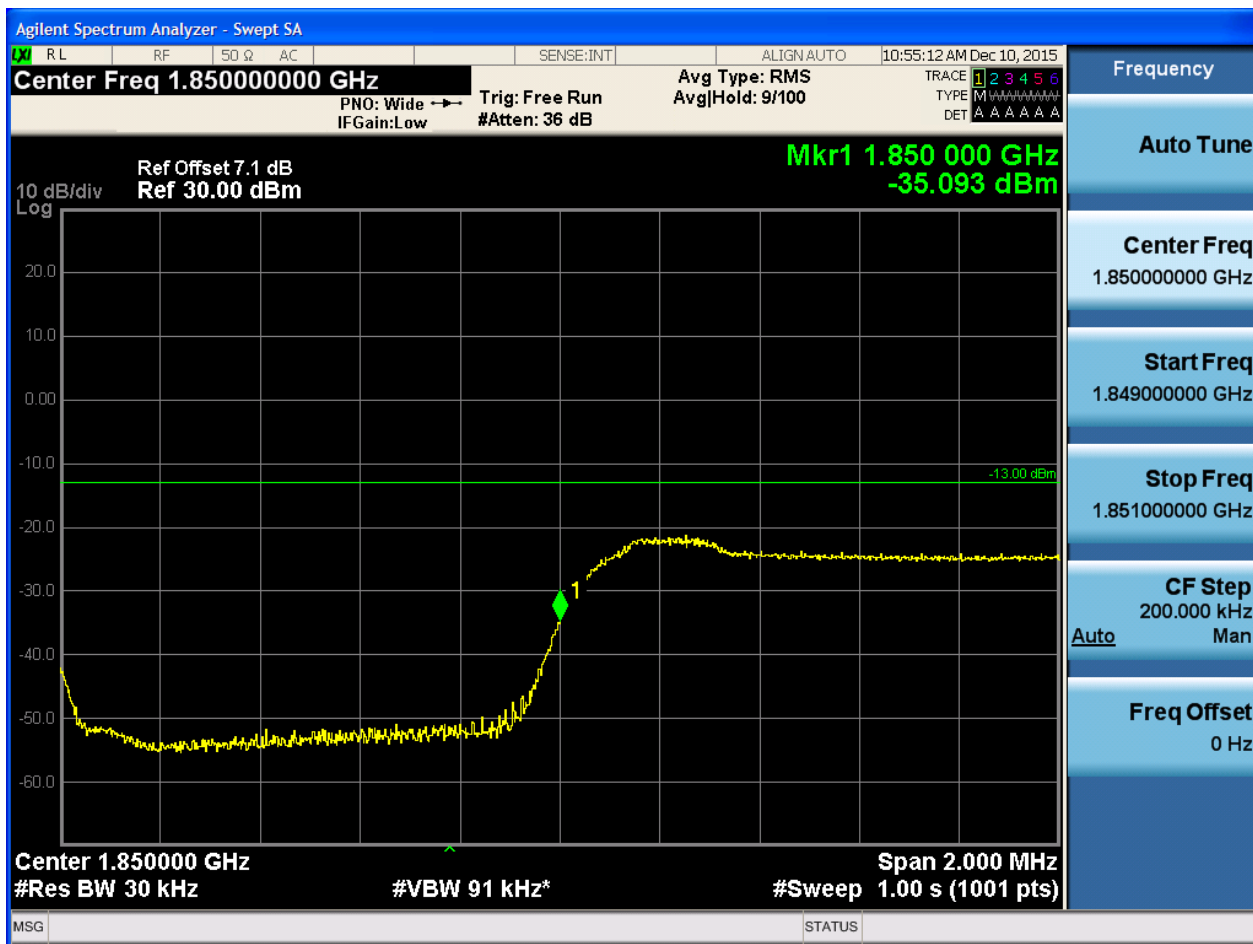
5.1.1.1.2.1 Test Channel = LCH

5.1.1.1.2.1.1 Test RB = RB1#0



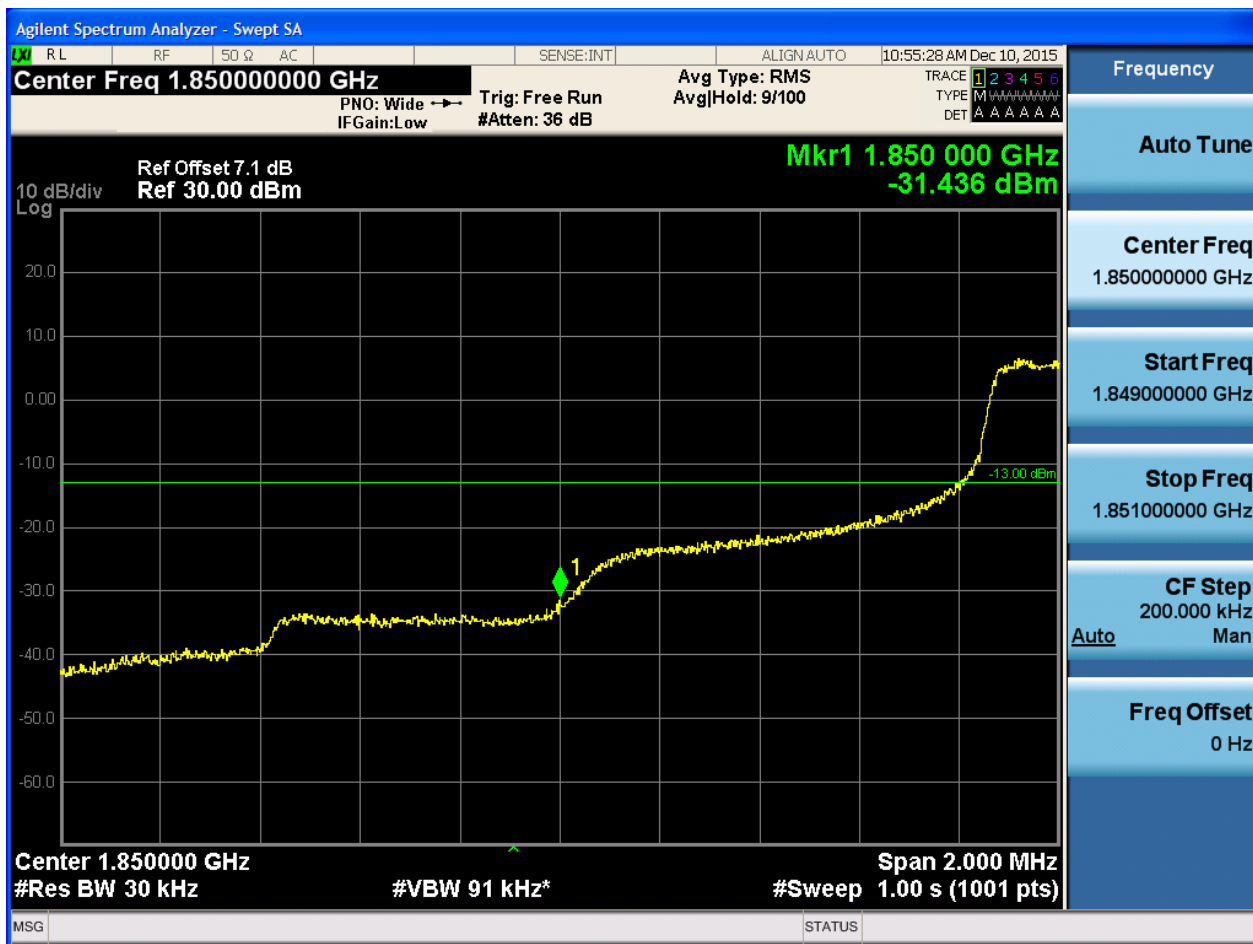


5.1.1.1.2.1.2 Test RB = RB1#14



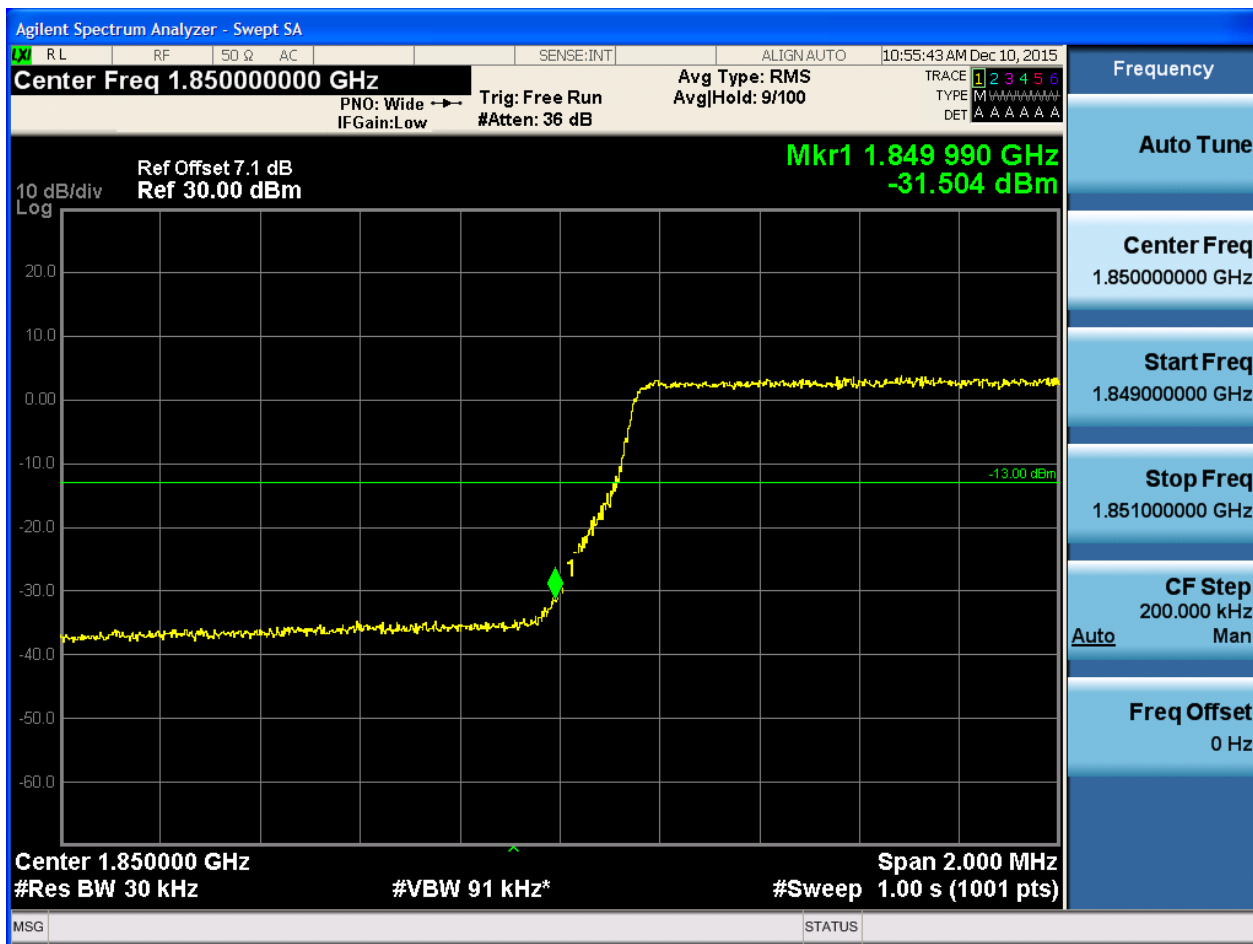


5.1.1.1.2.1.3 Test RB = RB8#4





5.1.1.1.2.1.4 Test RB = RB15#0





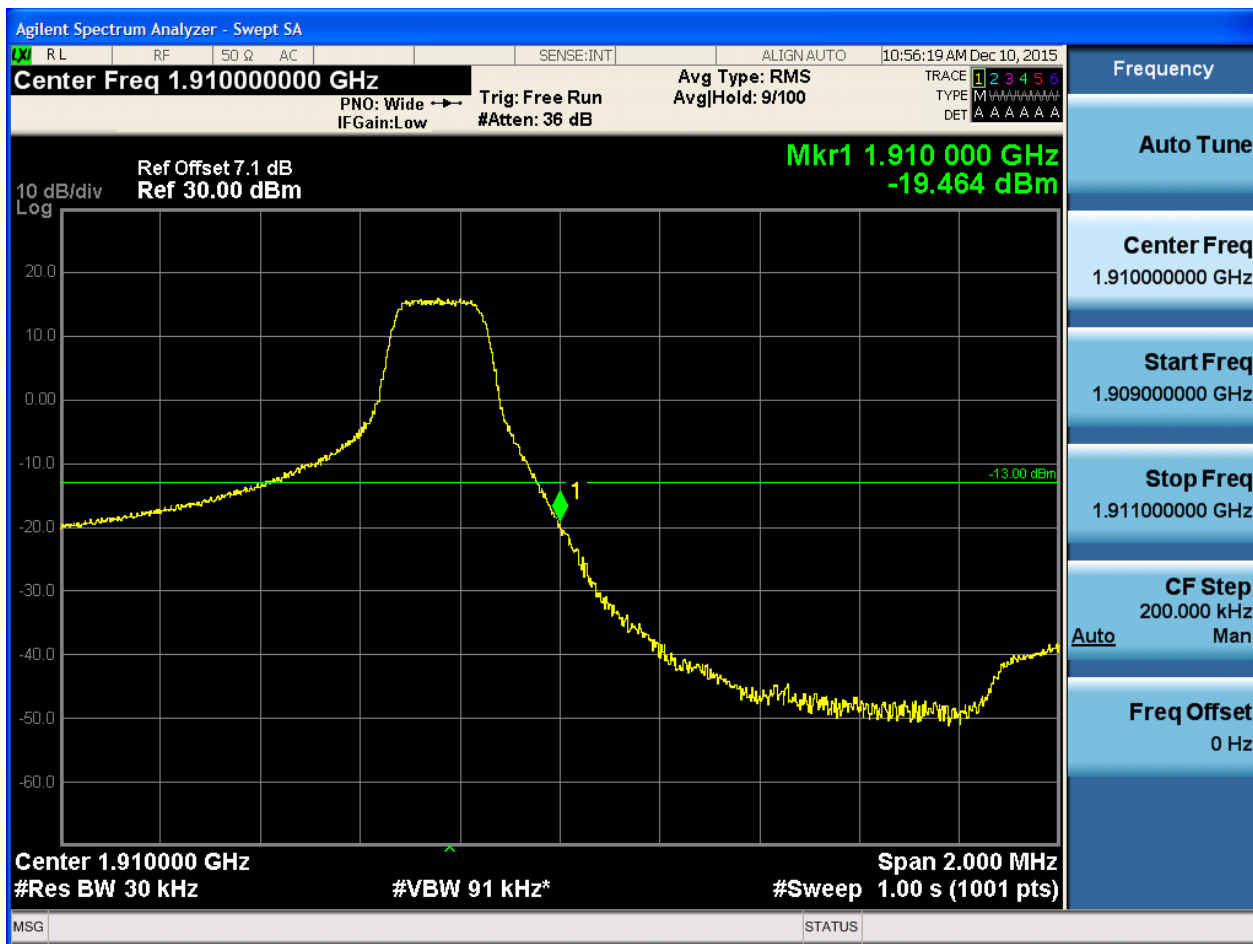
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14



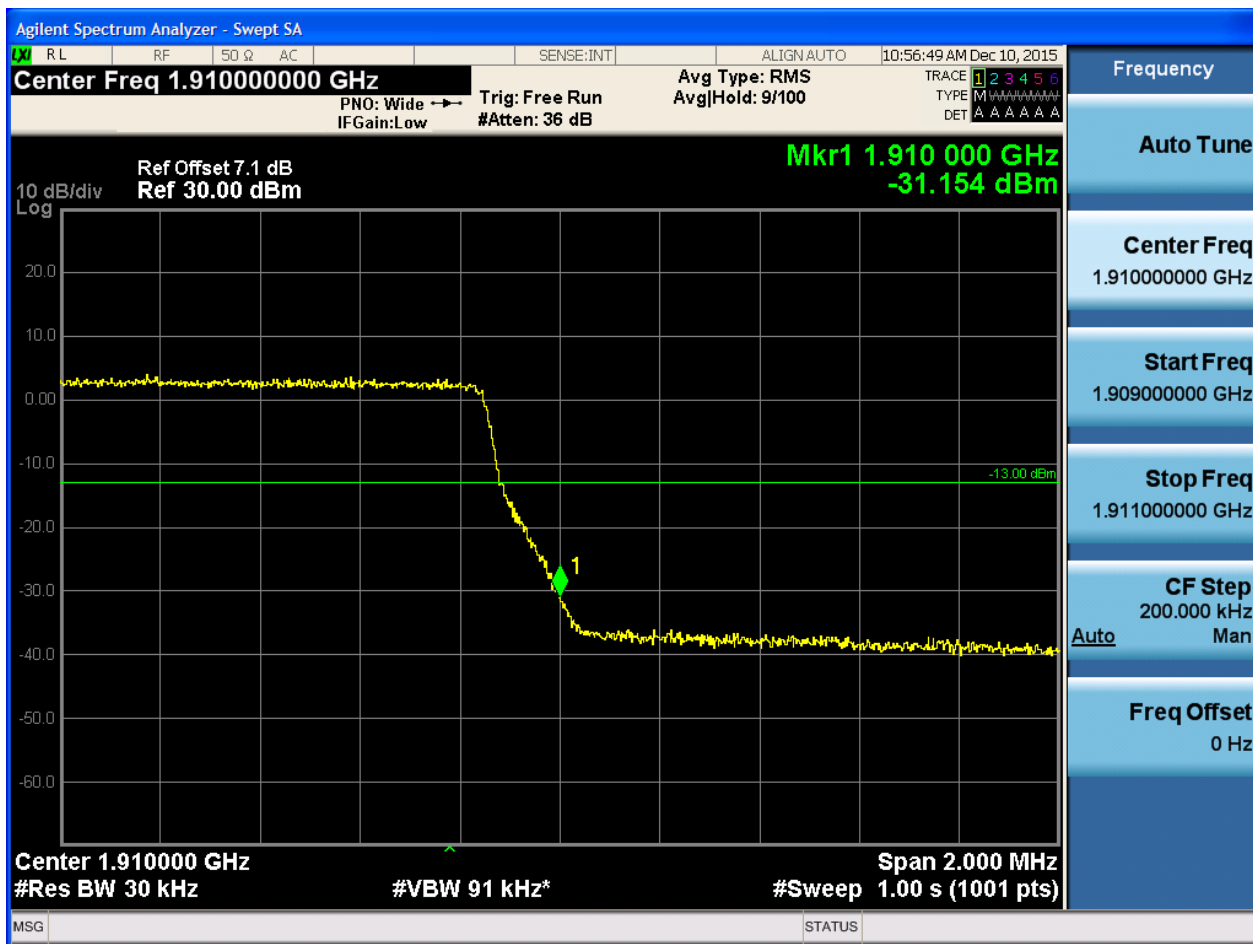


5.1.1.1.2.2.3 Test RB = RB8#4





5.1.1.1.2.2.4 Test RB = RB15#0

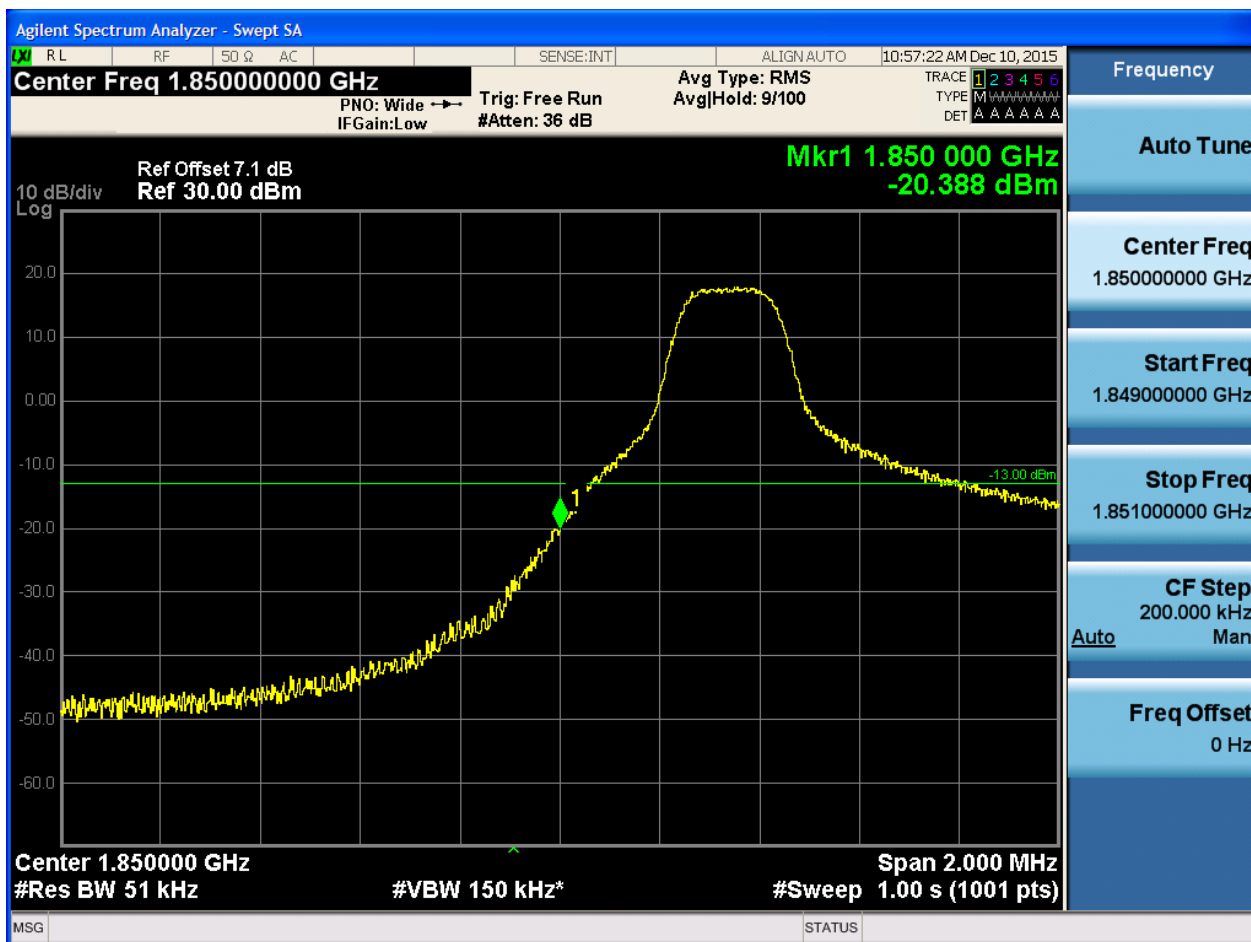




5.1.1.1.3 Test Bandwidth = 5

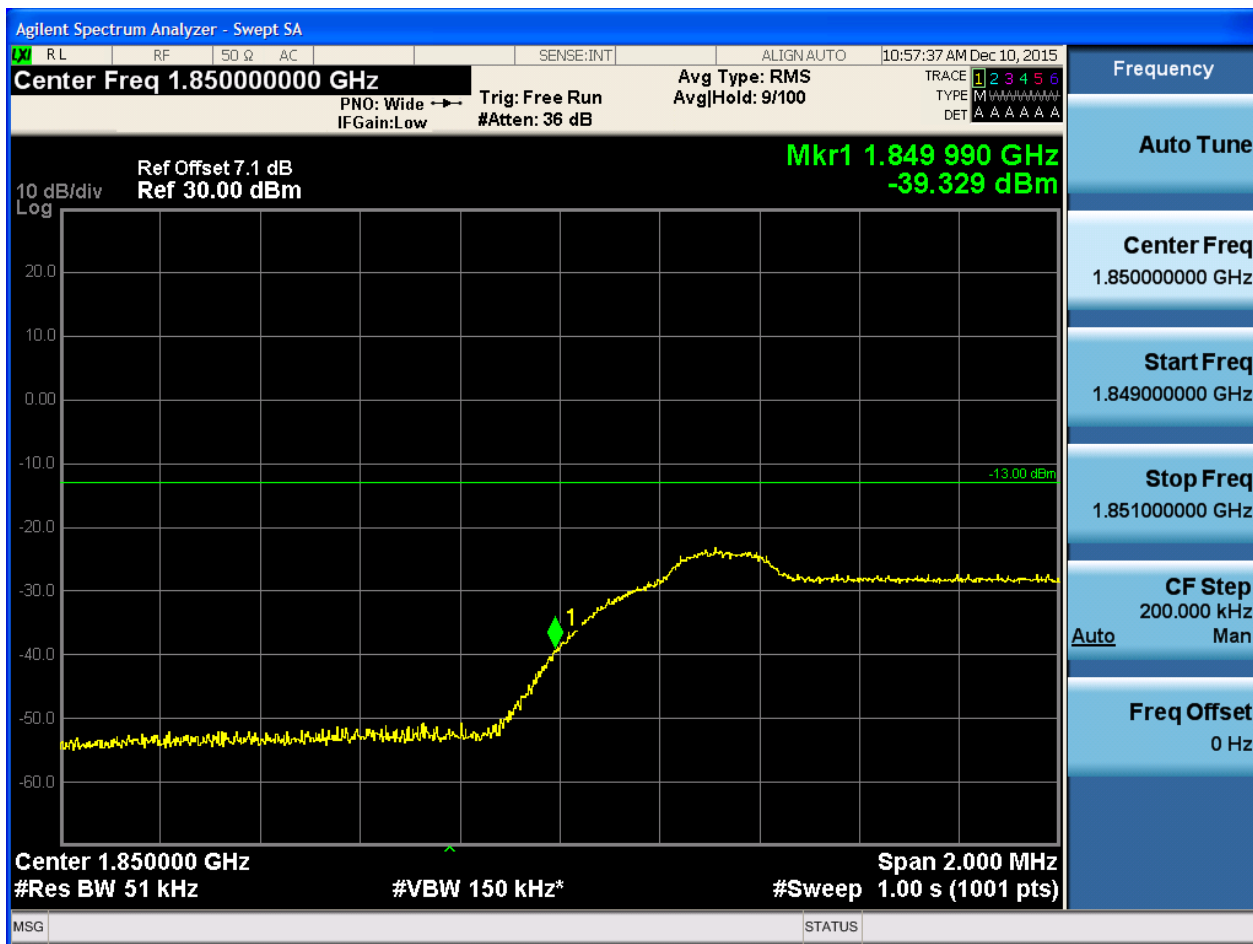
5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0



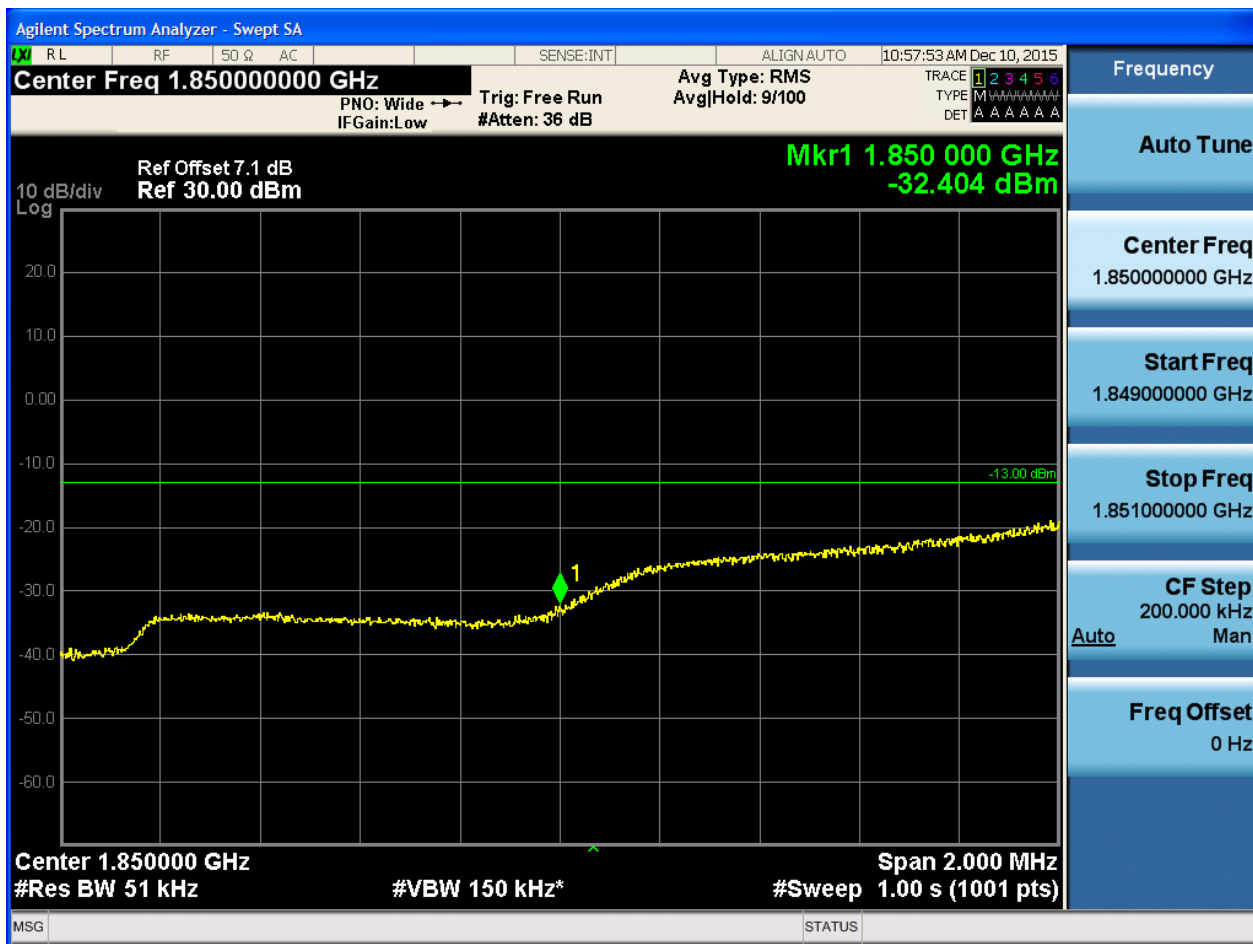


5.1.1.1.3.1.2 Test RB = RB1#24



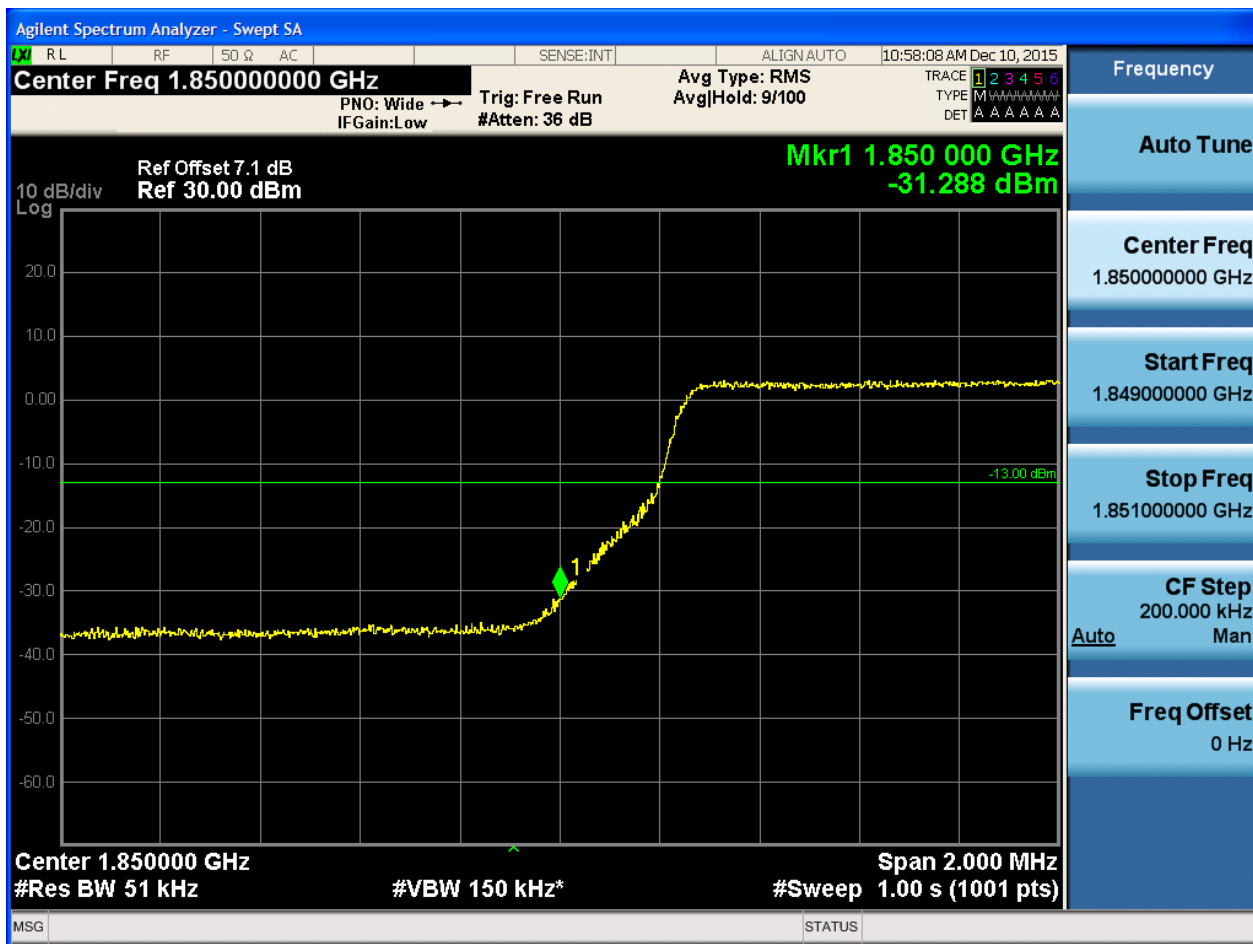


5.1.1.1.3.1.3 Test RB = RB12#6





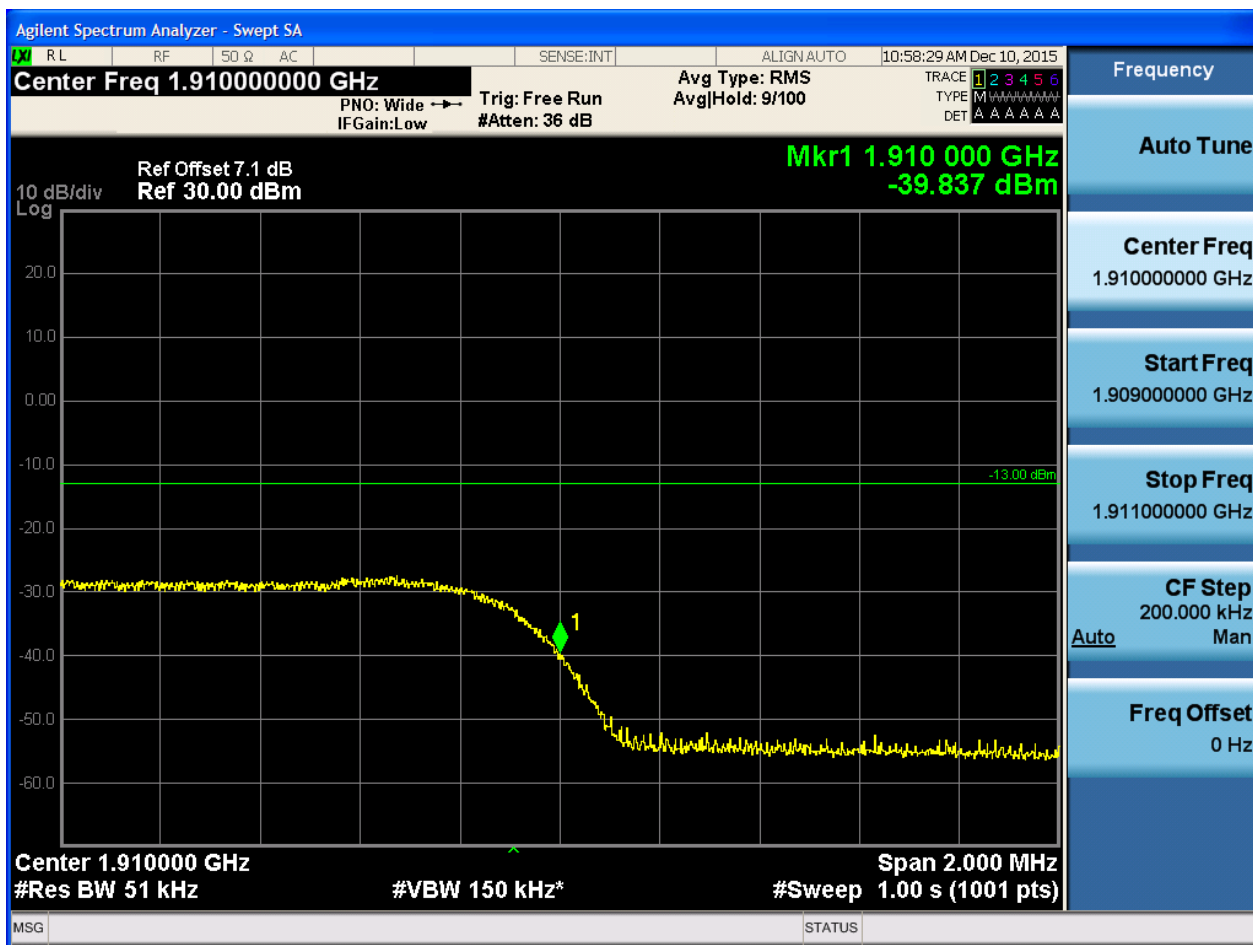
5.1.1.1.3.1.4 Test RB = RB25#0





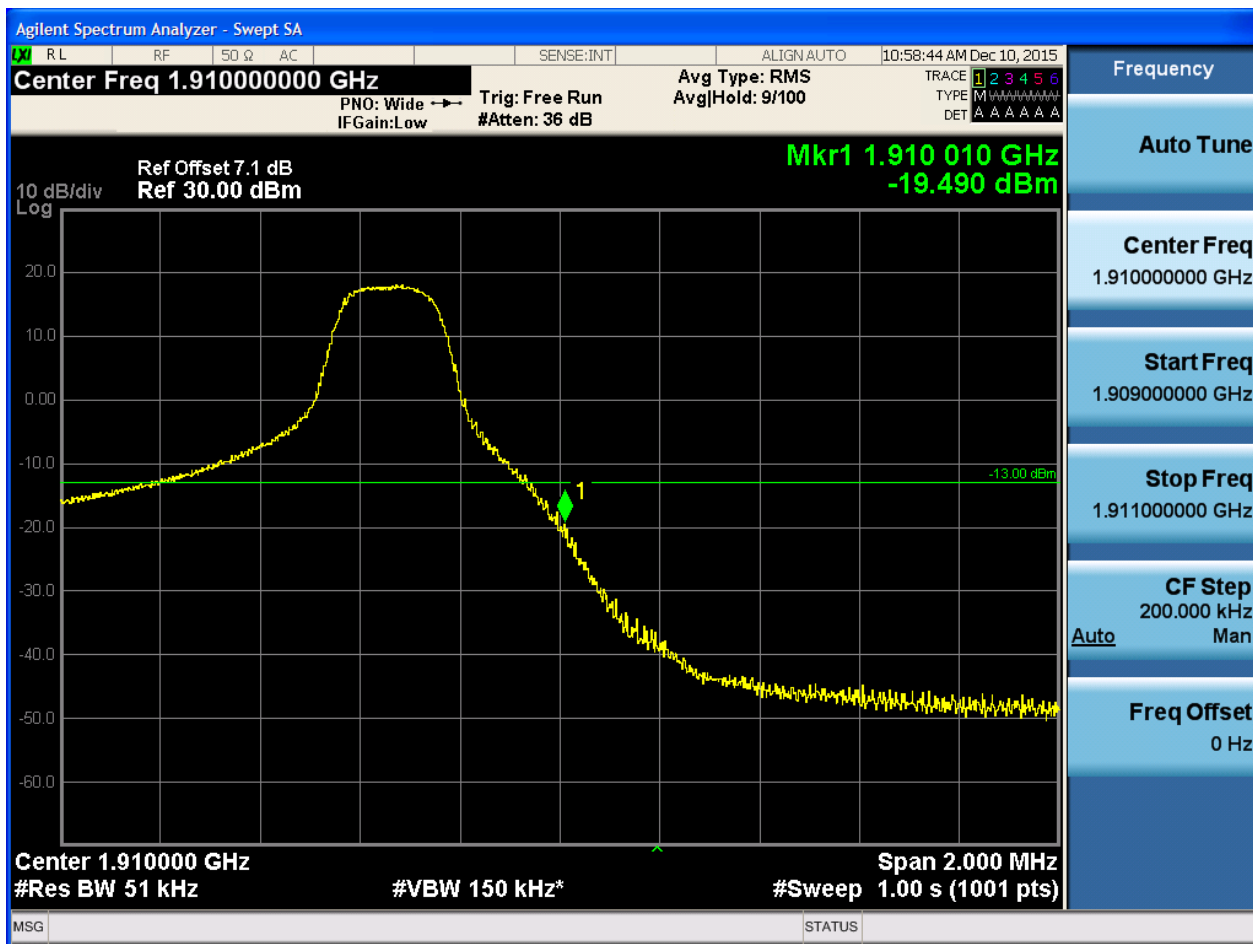
5.1.1.1.3.2 Test Channel = HCH

5.1.1.1.3.2.1 Test RB = RB1#0





5.1.1.1.3.2.2 Test RB = RB1#24





5.1.1.1.3.2.3 Test RB = RB12#6





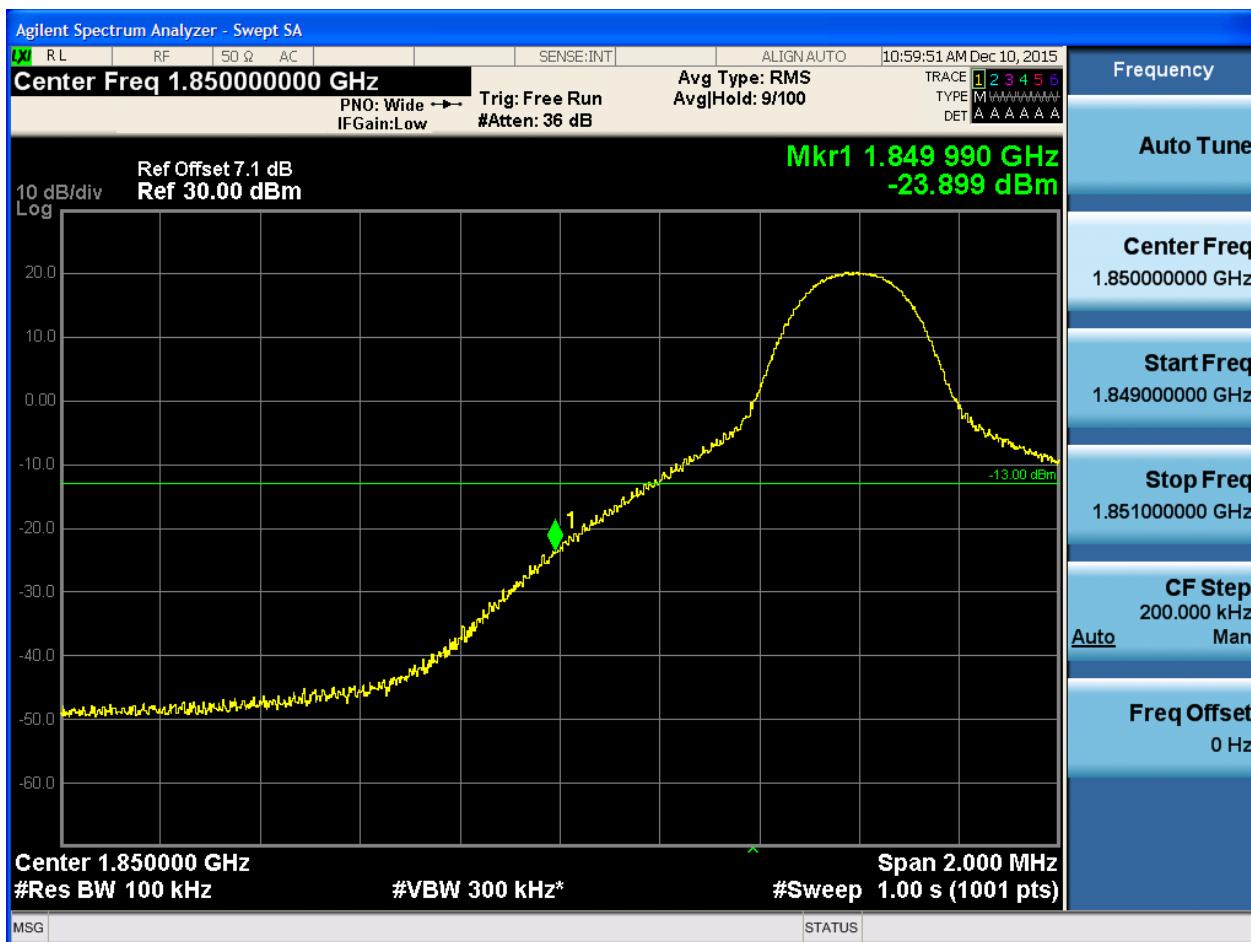
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

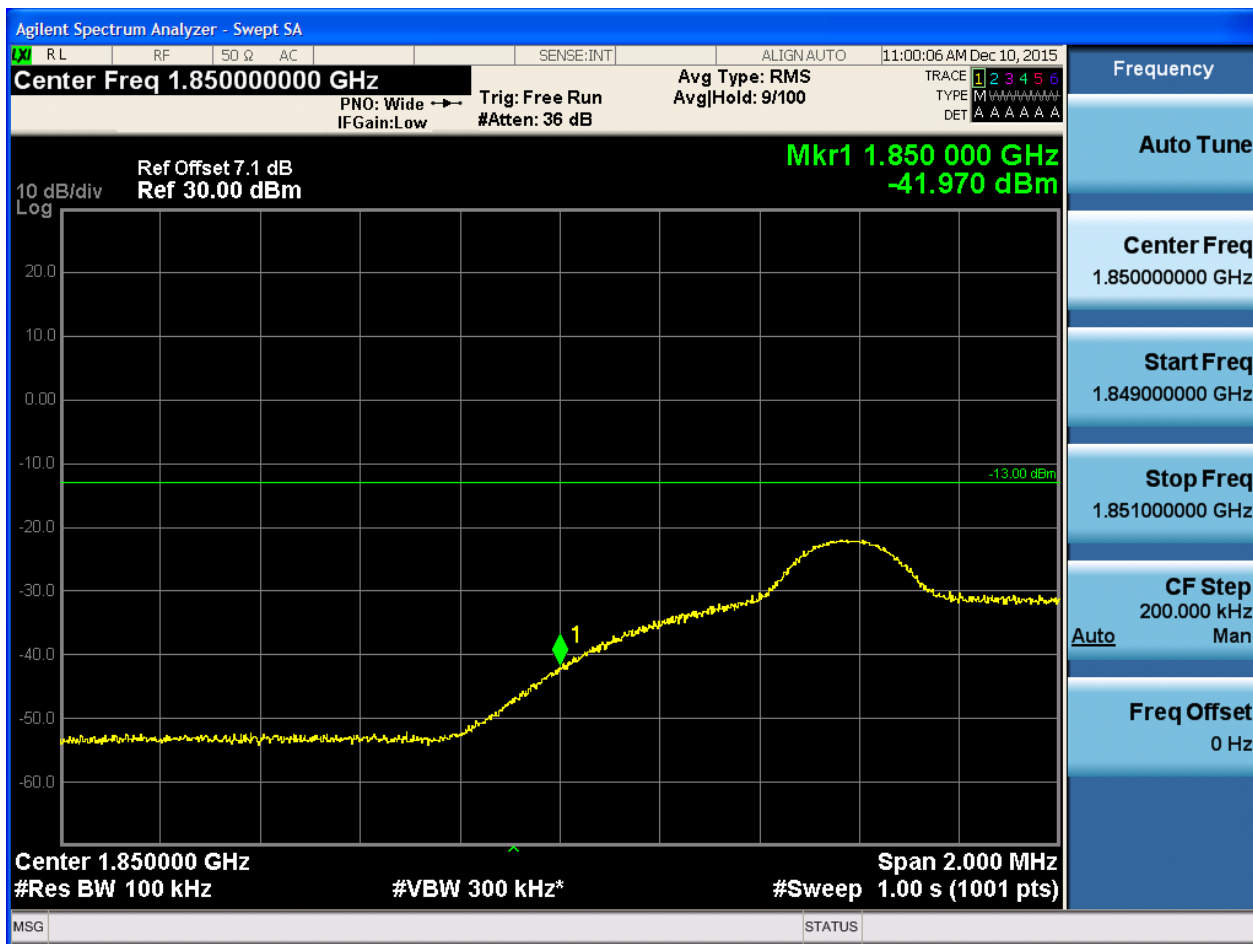
5.1.1.1.4.1 Test Channel = LCH

5.1.1.1.4.1.1 Test RB = RB1#0





5.1.1.1.4.1.2 Test RB = RB1#49



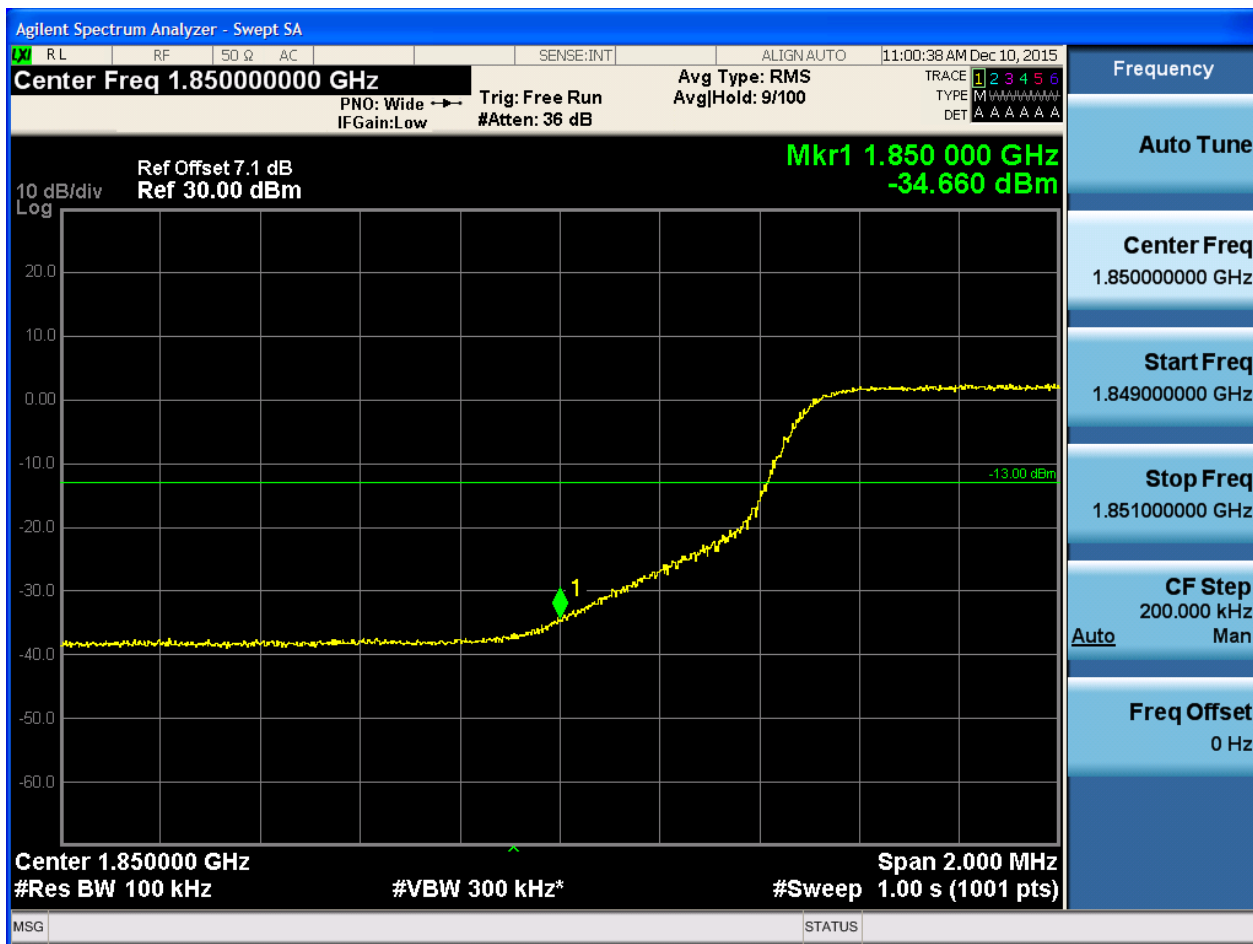


5.1.1.1.4.1.3 Test RB = RB25#13





5.1.1.1.4.1.4 Test RB = RB50#0





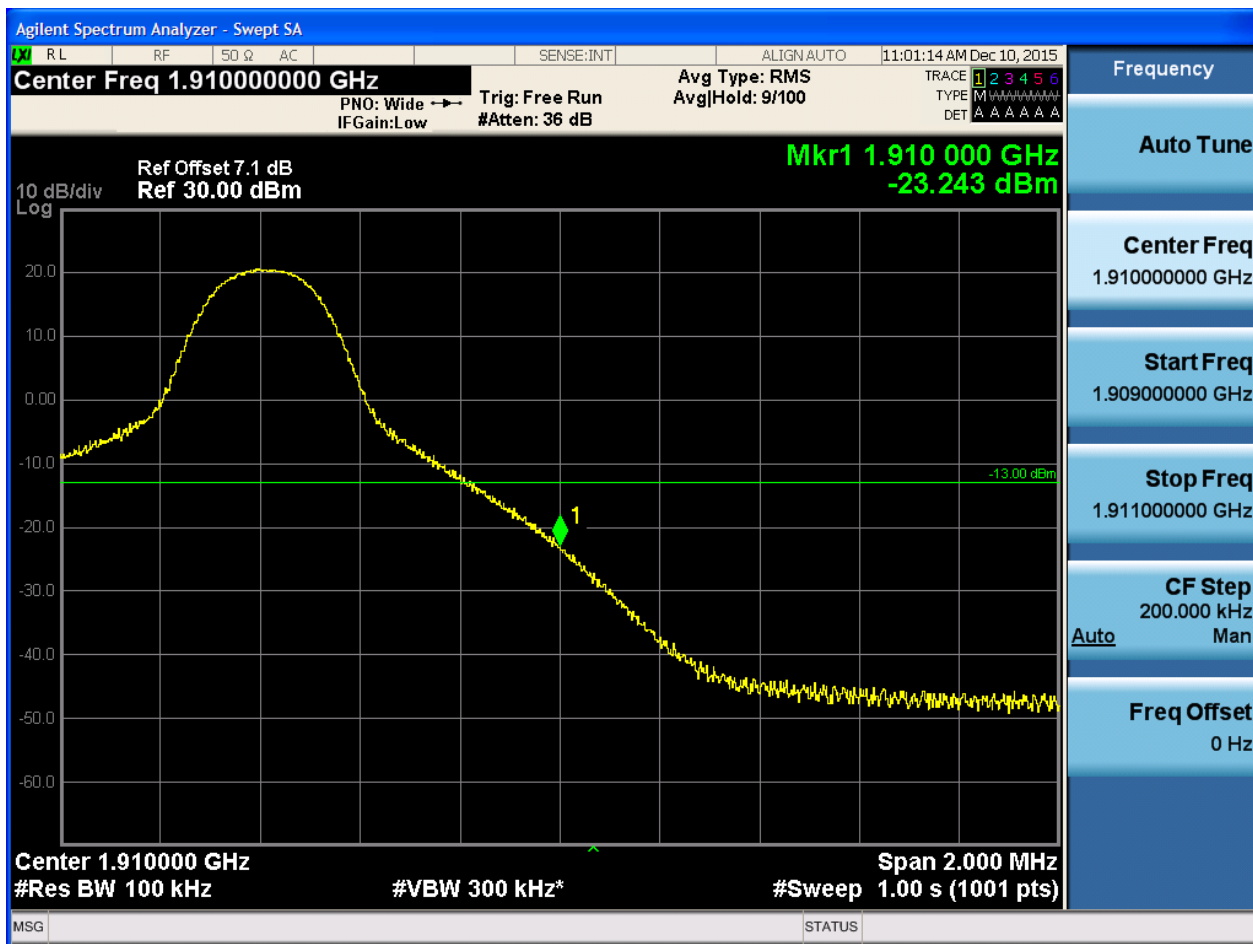
5.1.1.1.4.2 Test Channel = HCH

5.1.1.1.4.2.1 Test RB = RB1#0





5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





5.1.1.1.4.2.4 Test RB = RB50#0



5.1.1.1.5 Test Bandwidth = 15

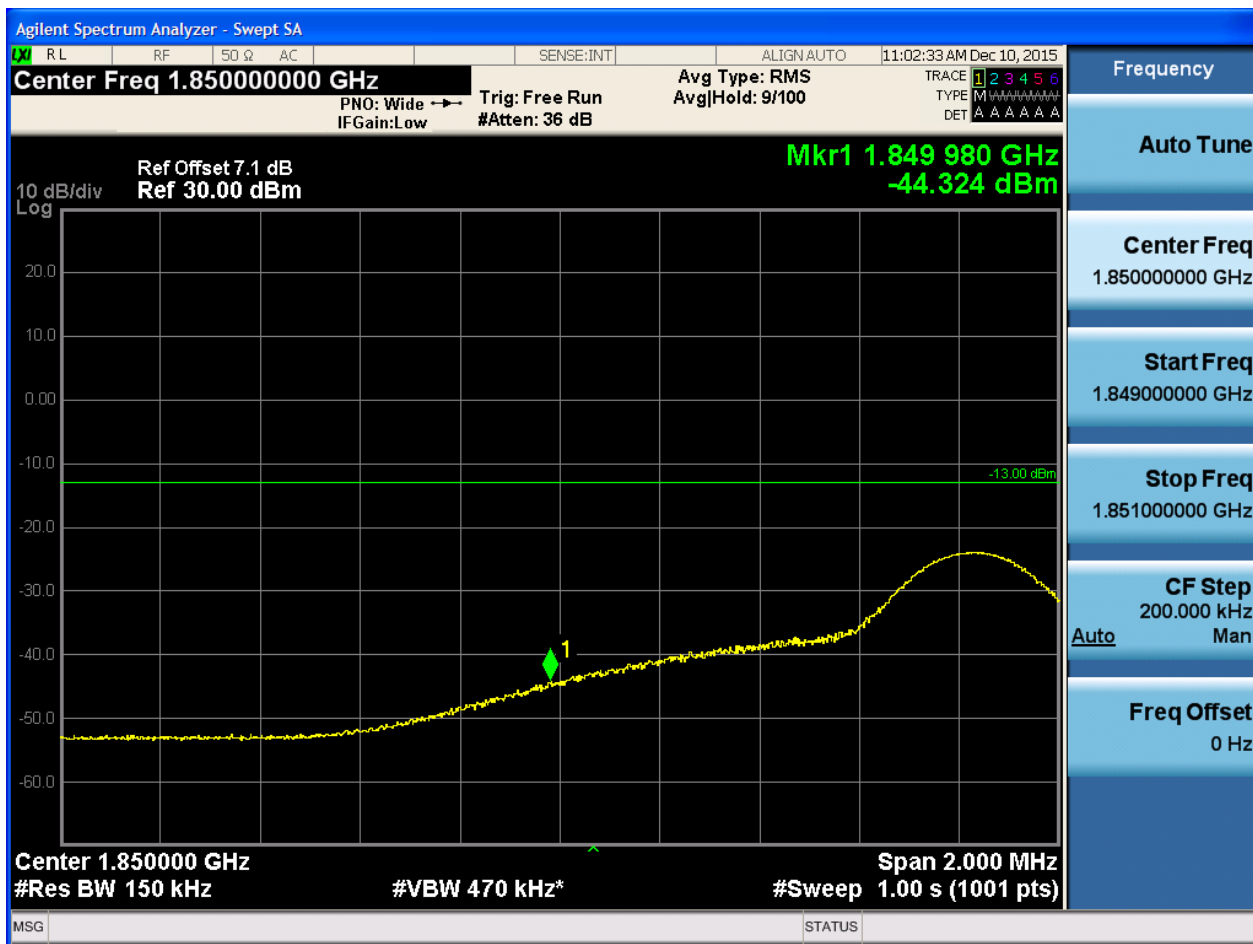
5.1.1.1.5.1 Test Channel = LCH

5.1.1.1.5.1.1 Test RB = RB1#0



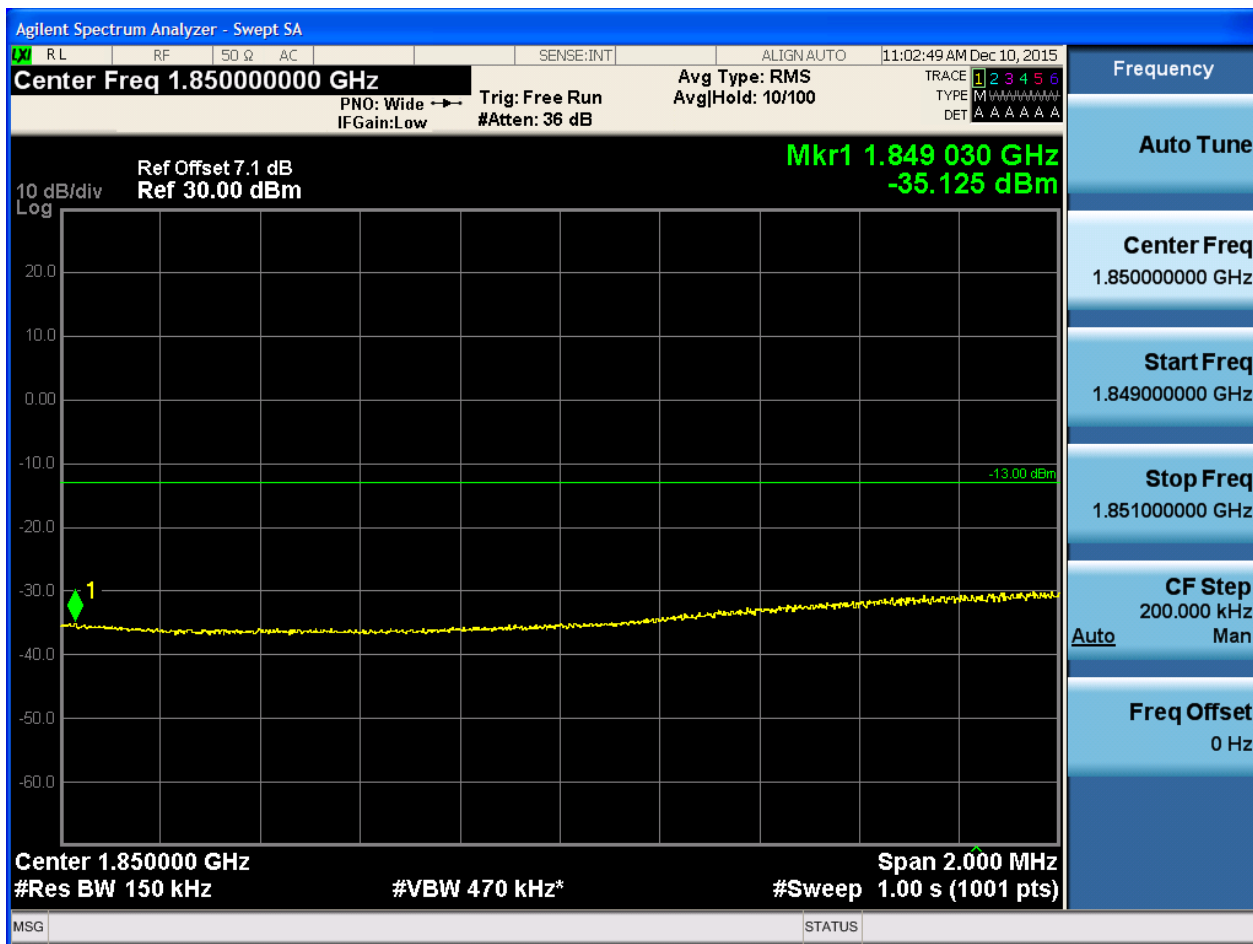


5.1.1.1.5.1.2 Test RB = RB1#74





5.1.1.1.5.1.3 Test RB = RB38#19





5.1.1.1.5.1.4 Test RB = RB75#0





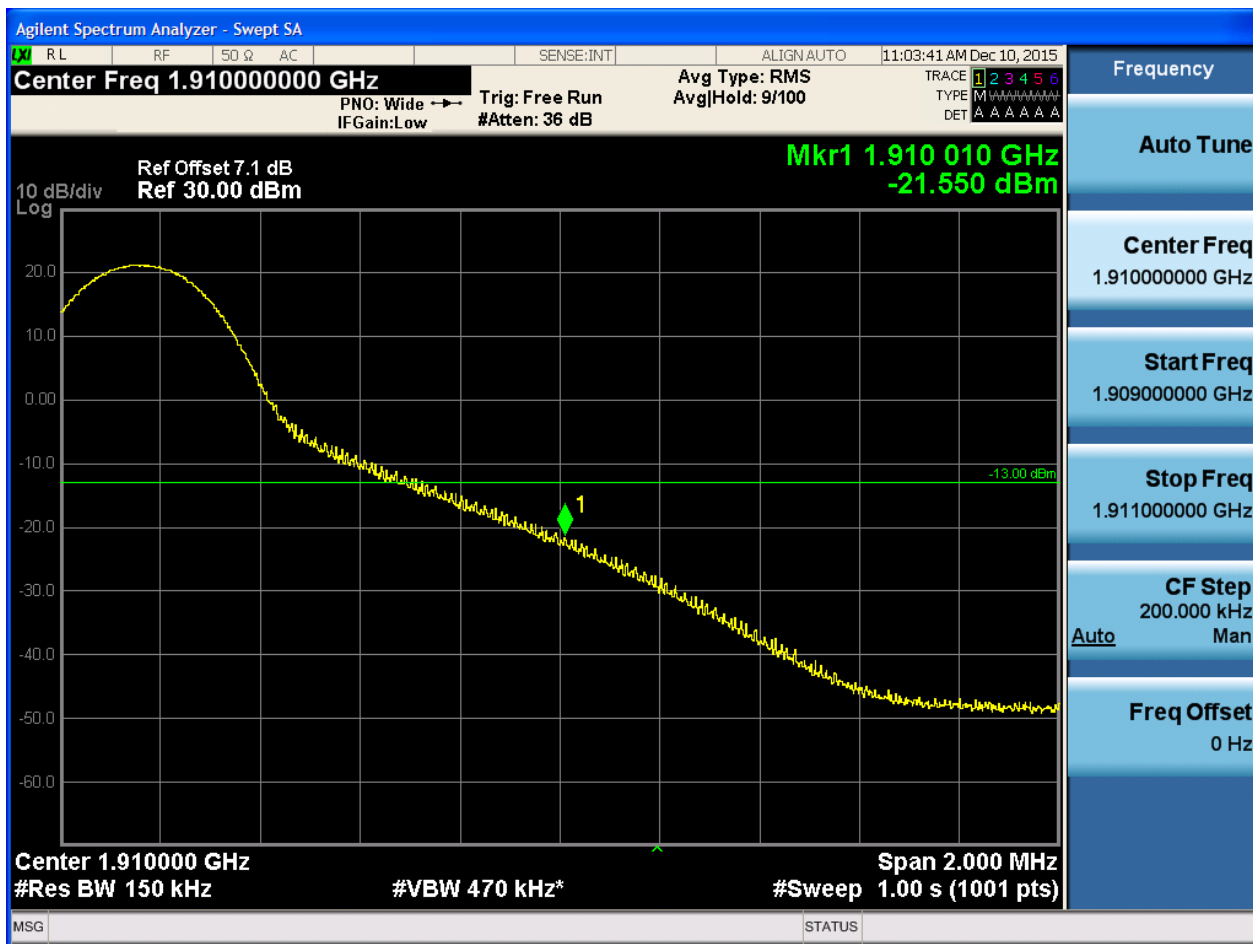
5.1.1.1.5.2 Test Channel = HCH

5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91000000 GHz

Ref Offset 7.1 dB
Ref 30.00 dBm

10 dB/div
Log

Center 1.910000 GHz
#Res BW 150 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.91000000 GHz

Start Freq
1.909000000 GHz

Stop Freq
1.911000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



5.1.1.1.5.2.4 Test RB = RB75#0

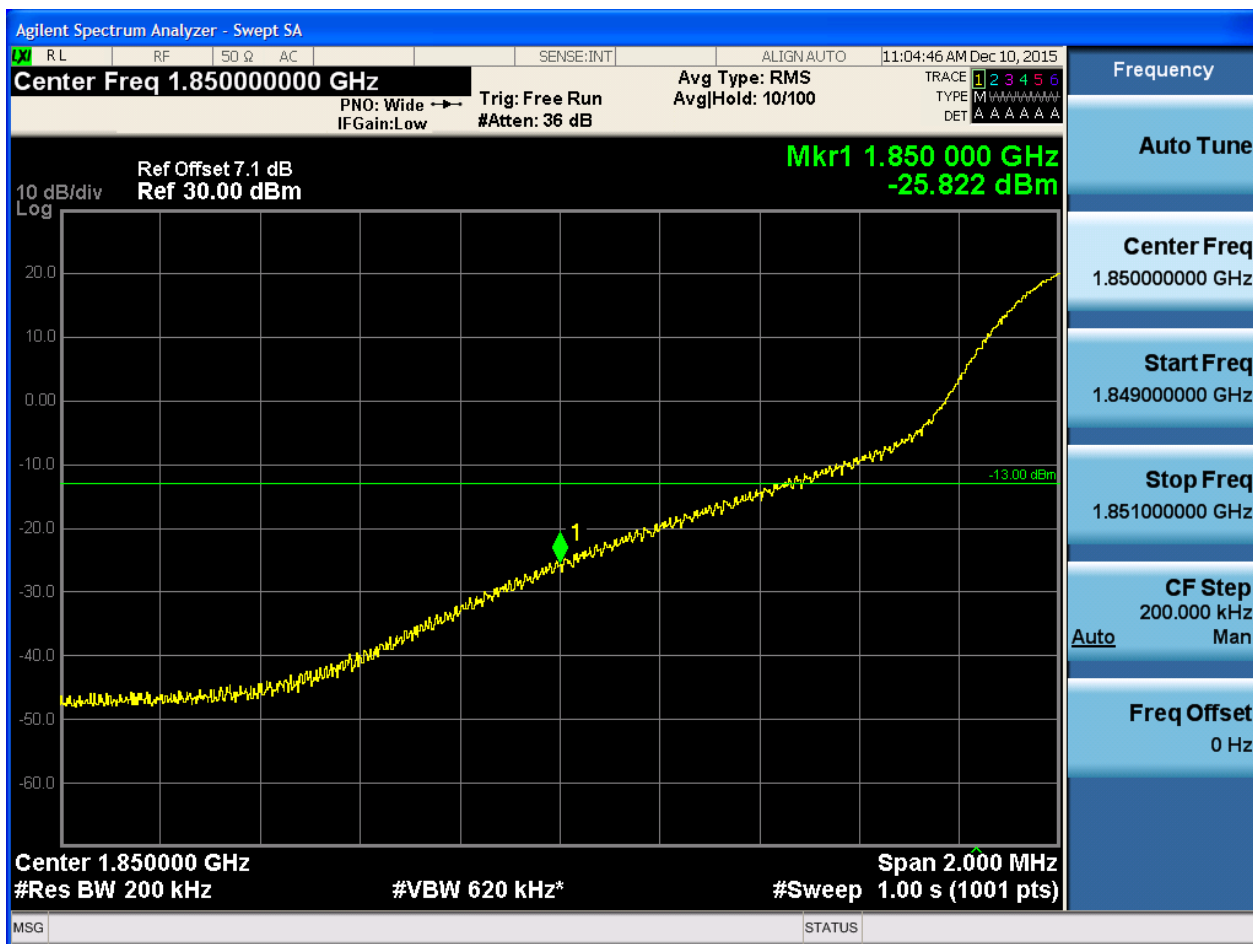




5.1.1.1.6 Test Bandwidth = 20

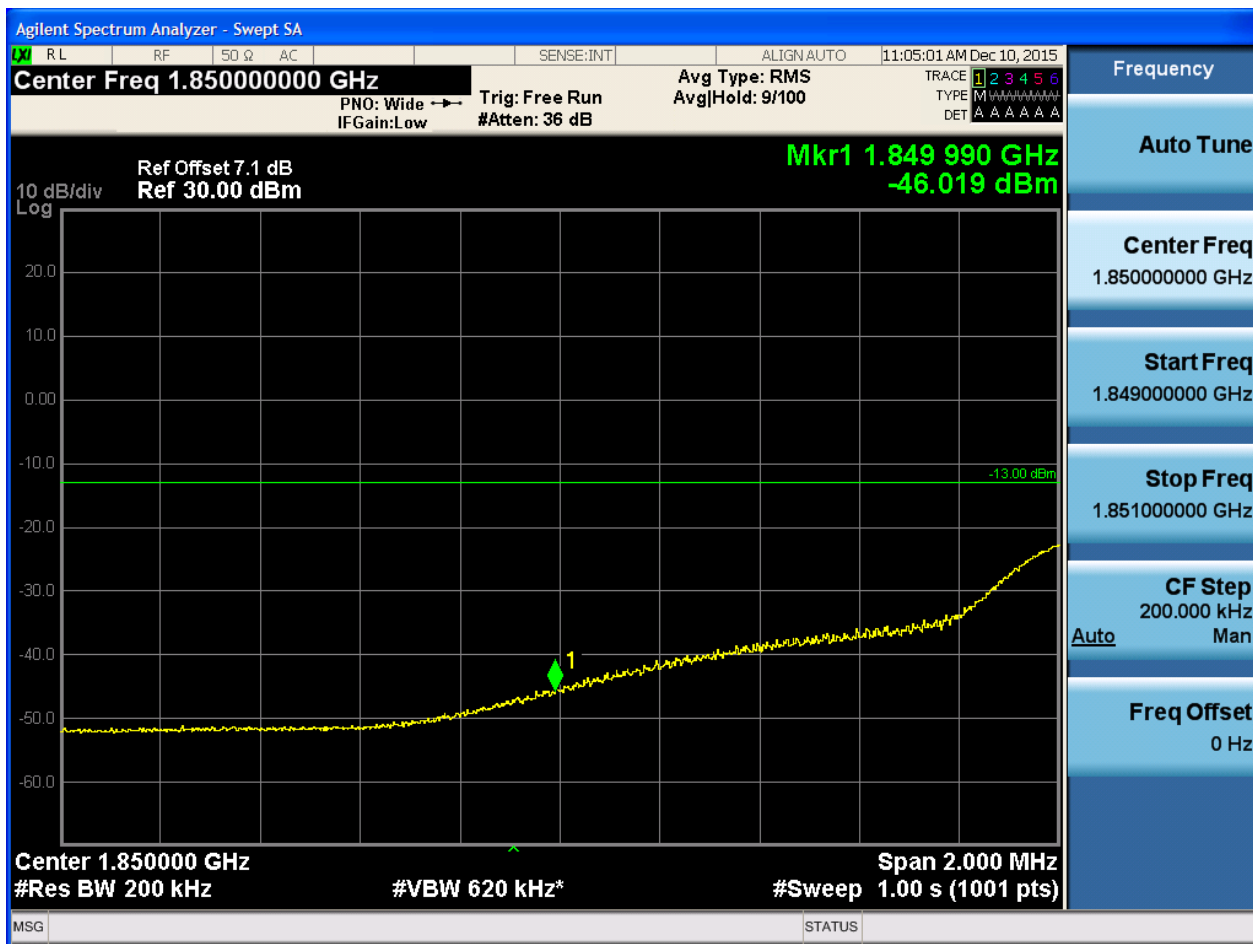
5.1.1.1.6.1 Test Channel = LCH

5.1.1.1.6.1.1 Test RB = RB1#0



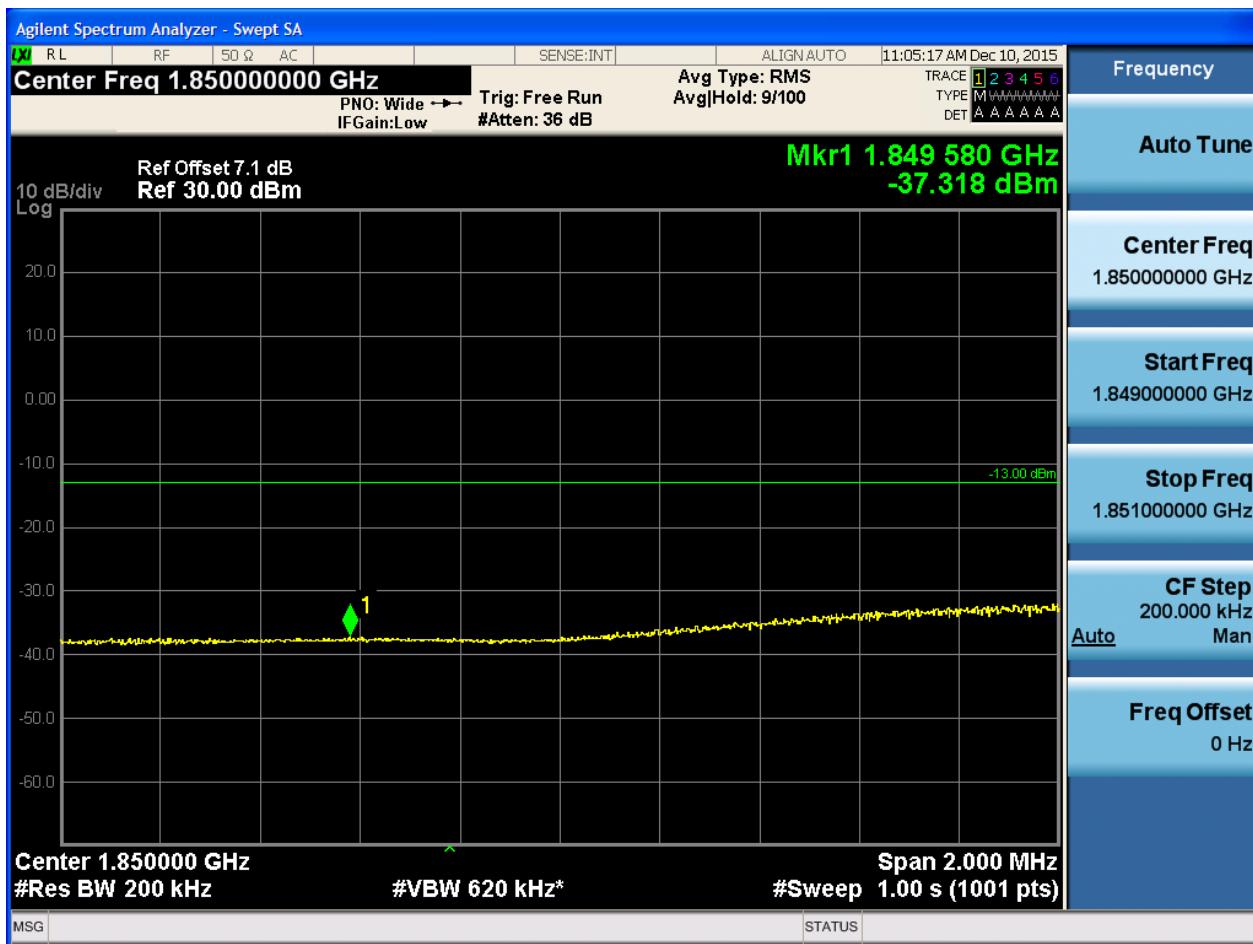


5.1.1.1.6.1.2 Test RB = RB1#99





5.1.1.1.6.1.3 Test RB = RB50#25





5.1.1.1.6.1.4 Test RB = RB100#0





5.1.1.1.6.2 Test Channel = HCH

5.1.1.1.6.2.1 Test RB = RB1#0





5.1.1.1.6.2.2 Test RB = RB1#99





5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0



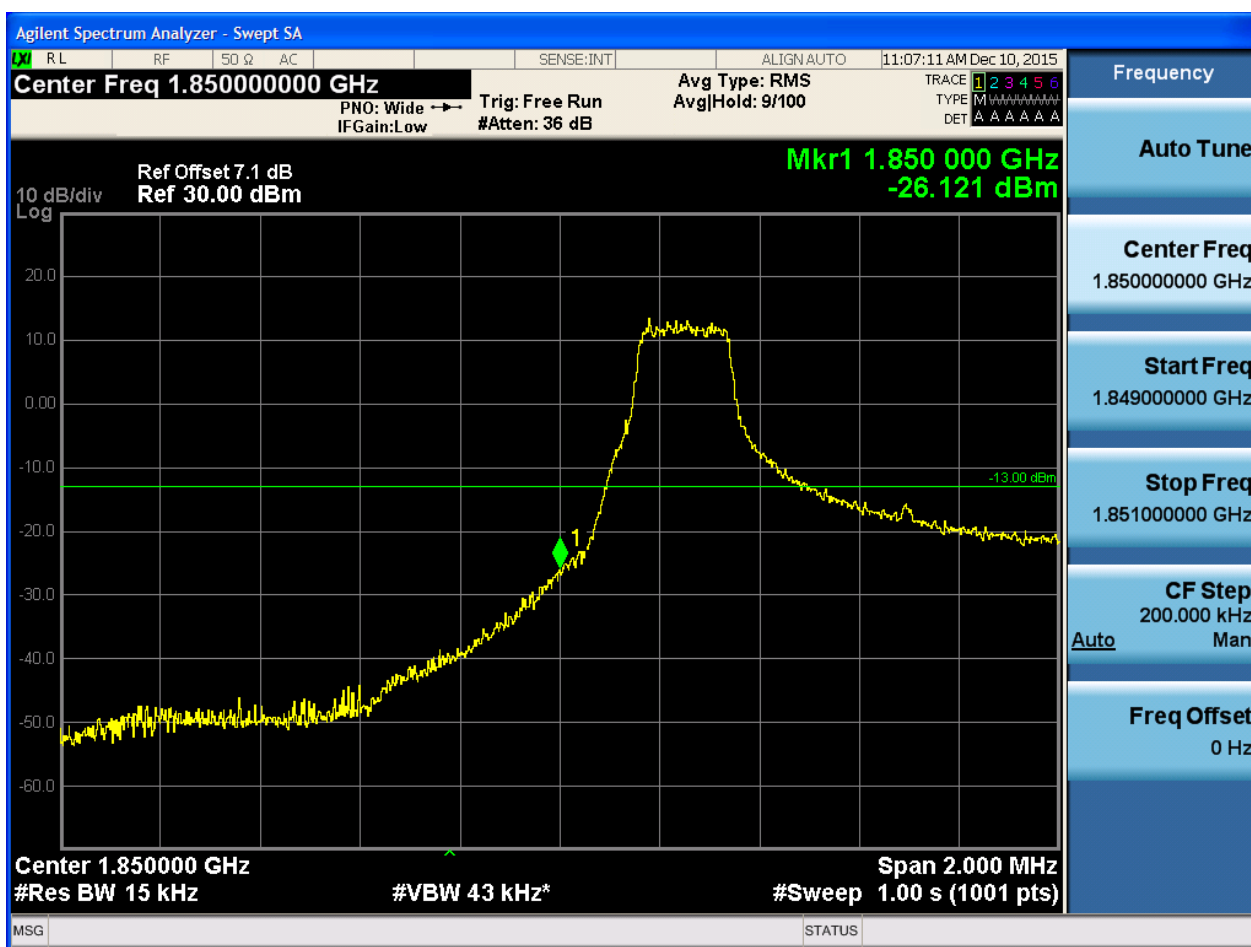


5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

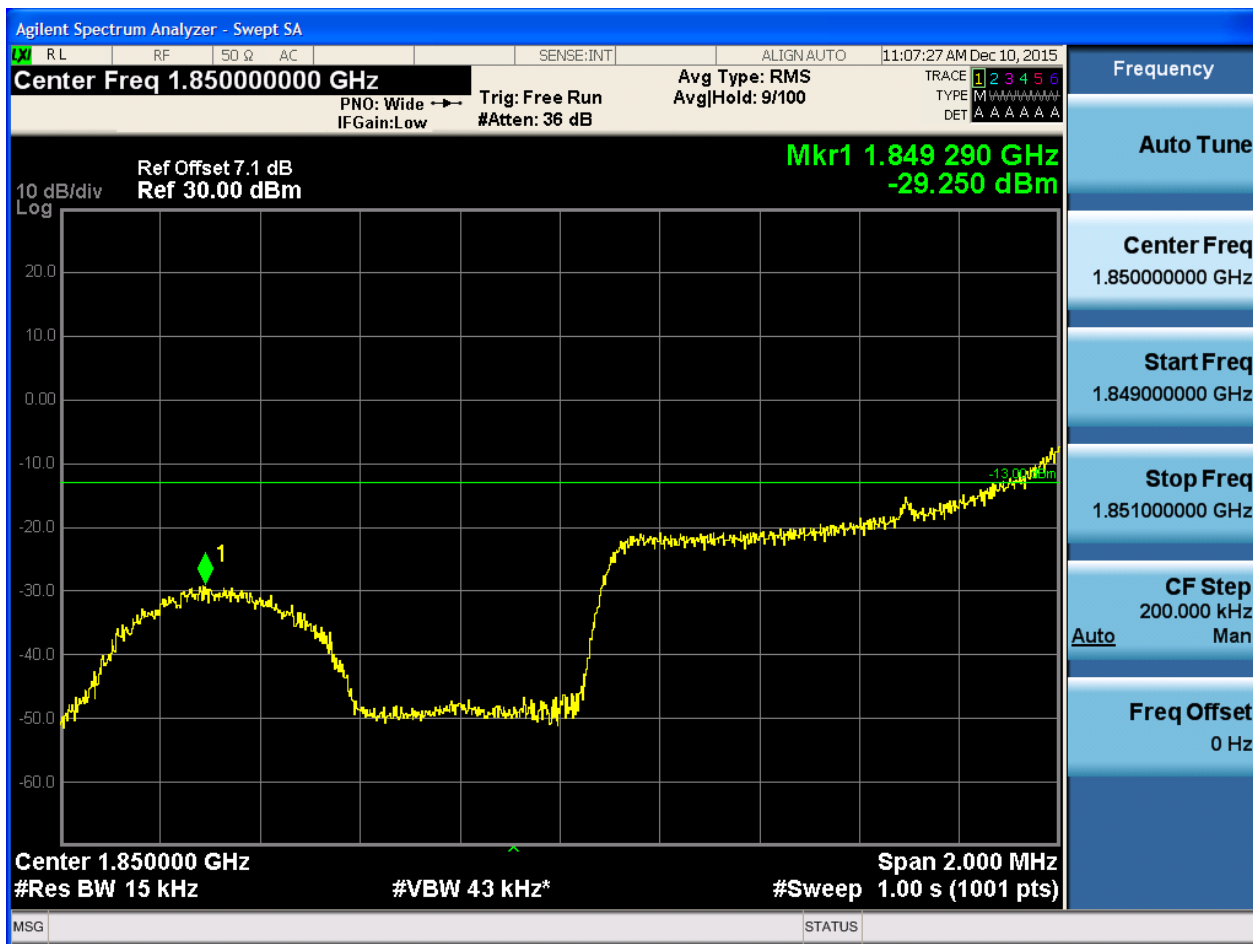
5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.1.2 Test RB = RB1#5





5.1.1.2.1.1.3 Test RB = RB3#2

